Case 2:15-cv-00828-DN-EJF Document 250-10 Filed 11/17/17 Page 1 of 109


|  | Page 5 | Page 7 |
| :---: | :---: | :---: |
| 1 | Exhibit 480 Cease and Desist Letter 257 | 1 and I know that there is one, and I think it's |
| 2 | Exhibit507 U.S. Securities and Exchange 42 | 2 applicable. |
| 3 | Commission Form 10-K for | 3 MS. HEALY-GALLAGHER: Well, there are |
| 4 | International Automated | 4 provisions in the protective order for invoking it, so |
| 5 | Systems, Inc. | 5 that's up to you at your discretion. |
| 6 | Exhibit 508 Profile of LTB, LLC 57 | 6 Mr. Don Reay is not present today. He |
| 7 | Exhibit509 Audio disk 87 | 7 represents R. Gregory Shepard and Roger Freeborn. |
| 8 | Exhibit 510 Multiple contracts between 126 | 8 And, Mr. Snuffer, am I correct you also |
| 9 | Rick Rower and XSun Energy | 9 represent International Automated Systems, RaPower-3, |
| 10 | Exhibit511 RaPower-3 Equipment Purchase 218 | 10 LLC, and LTB1, LLC? |
| 11 | Agreement | 11 MR. SNUFFER: Right. All of -- all of |
| 12 | Exhibit 512 Operation and Maintenance 218 | 12 those parties. But today's deposition is, as I |
| 13 | Agreement | 13 understand it, of Neldon Johnson individually. |
| 14 |  | 14 MS. HEALY-GALLAGHER: That's correct. |
| 15 | Exhibit513 Handwritten diagram 245 | 15 MS. HINES: Erin R. Hines, also appearing |
| 16 | Exhibit 514 E-mail string dated 8-31-11 267 | 16 on behalf of the United States. |
| 17 | Exhibit515 Memorandum of Understanding 276 | 17 MS. HEALY-GALLAGHER: And we have |
| 18 | dated December 20, 2013 | 18 Christopher Moran on the phone. |
| 19 | Exhibit516 E-mail from Roger Hamblin 280 | 19 Also present with us in the room are |
| 20 | dated April 12, 2014, with | 20 Dr. Tom Mancini and Mrs. Glenda Johnson. |
| 21 | attachment | 21 All right. This deposition will be |
| 22 |  | 22 governed by the Federal Rules of Civil Procedure and |
| 23 |  | 23 the rules of the District of Utah. |
| 24 |  | 24 The exhibits will be marked and kept here |
| 25 |  | 25 for the course of this week of depositions, after |
|  | Page 6 | Page 8 |
|  | June 28, 2017 9:10 a.m. | 1 which time they'll go with the court reporter. |
| 2 | PROCEEDINGS | 2 And we'll address any other stipulations |
| 3 |  | 3 as the need arises. |
| 4 | NELDON JOHNSON, |  |
| 5 | called as a witness, having been duly sworn, | 5 EXAMINATION |
| 6 | was examined and testified as follows: | 6 BY MS. HEALY-GALLAGHER: |
| 7 |  | $7 \quad$ Q. Would you please, sir, state your name |
| 8 | MS. HEALY-GALLAGHER: All right. We're | 8 and address for the record. |
|  | on the record in the case of the United States v. | 9 A. Yes. Neldon Paul Johnson, and my mailing |
| 10 | RaPower-3, et al., on June 28th, and we're starting at | 10 address is 2730 West 4000 South, Oasis, Utah. |
|  | approximately 9:10 a.m. | 11 Q. Is that your home address or simply where |
| 12 | My name is Erin Healy-Gallagher of the | 12 you receive mail? |
|  | U.S. Department of Justice's Tax Division, appearing | 13 A. That's where I receive the mail. |
|  | behalf of the United States. | 14 Q. Would you give me the city and state of |
| 15 | Counsel, would you please make your | 15 your home address. |
|  | pearance. | 16 A. I don't know it. I never use it. Do you |
| 17 | MR. SNUFFER: My name is Denver Snuffer, | 17 want me to ask my wife and see what my address is? |
|  | and I'm on behalf of Mr. Neldon Johnson today. | 18 MR. SNUFFER: If you don't know, you |
| 19 | It's my understanding that there is a | 19 don't know. |
|  | rotective order that's in place in this case, and | 20 THE WITNESS: I don't know the address. |
|  | s also my understanding that whatever the scope of | 21 Q. BY MS. HEALY-GALLAGHER: Do you know what |
|  | e questions are today, that the protective order | 22 county you live in? |
|  | ould apply to the testimony of this witness. | 23 A. What is it? Millard County? Yeah, |
|  | And I haven't seen the protective order, | 24 Millard County. |
|  | haven't read it, but I discussed it with the client | 25 Q. Utah, yes? |

Page 9
A. Millard County, Utah.

5 Healy-Gallagher, and I'll be taking your deposition today.
7 A. Okay.
8 Q. Have you ever been deposed before?
9 A. Yes.
Q. We'll talk about those depositions in a bit. For right now, l'd like to cover the ground rules for this deposition. You may have discussed this with Mr. Snuffer, but I find it's helpful that we get on the same page right at the front end.

In this deposition I will ask you
questions. My questions and your answers will be recorded by the court reporter that we have here next to us. So you need to speak loudly enough for her to hear you and answer my questions verbally.

Do you understand?
A. Uh-huh. Yes, I do.
Q. For example, the court reporter cannot record a nod or a shake of the head, and words like uh-huh or huh-uh are not -- do not create a good transcript.
A. Utah, it's going to be a real problem for
Q. Yes?
A. Yes, uh-huh.
Q. As I just said, my name is Erin

10
Q. Well, I will --
A. I'm just joking.
Q. I will let you know if I need a different answer.
A. I'm just being funny. I shouldn't do that. I'm sorry.
Q. Okay. We also have a tendency, in casual conversation, to speak over one another. For example, to start answering a question before it's finished being asked. In this context here, please wait until I'm finished asking my question before you start your answer.
A. I will. Thank you.
Q. When I do finish asking each question, your task for today is to give full and complete answers.

Do you understand that obligation?
A. Yes, I do.
Q. It's my obligation to ask understandable
questions to you. So if you don't understand a
try to ask a better one.
Will you do that?

1 A. Yes.
2 Q. Occasionally, another attorney may object
to a question that I ask. The objection is simply to make a note on the record. So unless your attorney instructs you not to answer to protect a privilege, you need to go ahead and answer my question.
7 Do you understand?
A. Yes, I do.
Q. Sometimes it will happen that you may
give an answer as completely as you can, but then
later on, whether it's a couple minutes or a couple of
hours later, you may remember additional information
or different information that would clarify or correct
a previous answer.
When that occurs, if it occurs, please
let me know and we'll just clear up the record right then.

Will you do that?
A. Yes. Thank you.
Q. And I'll also try to give you some opportunities for that throughout the course of the day.
A. Okay.
Q. And when you're answering a question, if you think that there's a document or some documents

Page 12
that may help you remember the correct answer, please let me know and we'll see if we have them here.
A. Okay.
Q. I'll try to remember to break every

90 minutes or so, but if you need a break at any time, please let me know.
$7 \quad$ The only thing that I will ask is that if
there's a question pending, you must complete your
answer to the question before we take a break.
Do you understand?
A. Yes, I do. Thank you.
Q. All right. Mr. Johnson, we're here today to get as accurate a record as we can of the facts of the case as you know them. So I have to ask if there's anything that would prevent you from understanding or answering my questions with the full capacity of your recollection today?
A. I don't believe so.
Q. Okay. Are you taking any drugs or medications of any kind that might interfere with your memory?
A. No.

MR. SNUFFER: You do have a cold today, though; right?

THE WITNESS: Yeah, but I don't take any

## Page 13

    medication for it.
    2 MR. SNUFFER: Okay.
    3 THE WITNESS: I just -- it's just a light
4 -- it's just a little light snuffling and sniffles, or
5 whatever. I hope it's not contagious, but I don't
6 know.
7 Q. BY MS. HEALY-GALLAGHER: Are you
currently under a doctor's care for any illness?
9 A. No, l'm not.
10 Q. Is there any other reason you can think
1 of why you may not be able to answer my questions
12 fully and accurately today?
A. No, I don't believe so.
Q. Have you had anything alcoholic to drink in the last eight hours?
A. No.

You sound like my bishop now.
Q. Mr. Johnson, what's your date of birth?
A. January 31, 1946.
Q. To prevent me from having to do math, how old does that make you today?
22 A. 71 years old. Almost as old as he -- oh,
23 no, not even close.
24 Q. Are you married?
25 A. I am.
1 Q. To whom?
2 A. Glenda E. Johnson.
3 Q. Do you have any children?
4 A. I have four children. Three boys, one 5 daughter.
6 Q. And actually real quick, how long have 7 you been married to Mrs. Johnson?
8 A. Going to get me in trouble. What, 16, 17 9 -- 16 years? Almost -- yeah, it's over 16 years;
10 right? 16 years, yeah.
11 Q. Were you married before Mrs. Johnson -12 the current Mrs. Johnson?
13 A. I was married before, yes.
14 Q. To whom?
15 A. Ina Marie Jolly Johnson.
16 Q. How long were you married to her?
17 A. 37 years.
18 Q. Any other marriages besides to the two
19 women you've identified --
20 A. No.
21 Q. -- already?
22 A. No.
23 Q. Let's go to your children. What are
24 their names?
25 A. First one is Donnel, D-O-N-N-E-L, Paul

1 I'm going to pick up where they left off, because we
2 already have that information from that deposition.
3 A. Okay.
4 Q. I'm going to start us at about 2001 --
A. Okay.
Q. -- which is when that deposition was taken.
8 And I'm going to ask: Have you had any 9 formal education on any topic from 2001 to the 0 present? For example, a degree program, a certificate program?
A. I think I was in -- I got my pilot's
license. I think that's -- was through, I think, a college, but I'm not positive. There was some college credits involved, but I'm not sure. But I don't believe I've done anything else. I can't think of anything.
18 Q. Have you had any formal education in the 19 area of solar energy technology?
A. No, huh-uh.
Q. Had you had any education in the field of solar energy technology before 2001?

## A. No, I haven't.

I take that back. When I was in college,
24
25 in my first years of college, we -- they were just

1 changing from -- from tube technology to solid state, and I was one of the first classes to learn solid state technology.
4 And in that we used some photovoltaic
systems that were being early developed, and some of
those, I think, were copper sulfate or copper --
copper -- I can't think of the name.
It was -- it wasn't copper sulfate. It
was -- but it was a copper solar energy that was just
coming out, and then we were just exploring
photovoltaic at the time. So it's been a long time ago.
Q. Approximately what year was that?
A. '64--'64, I believe. 1964.
Q. Any other education in solar energy technology besides what you just described?
A. No, I haven't had any.
Q. Since 2001 have you had any education of any kind in the field of federal taxation?
A. No, I have not.
Q. Before 2001 had you had any education in the field of federal taxation?
A. Well, we -- I probably took -- had taken some business classes during my tenure in college. I'm not positive, but it seemed like in some of the

Page 18
business classes there was some information on some
taxations. But l'm not -- it's been such a long time
ago, I really can't be sure.
Q. About when would that have been?
A. '64, something like that.
Q. Any other education on federal taxation,

7 other than those classes you mentioned around 1964?
8 A. No, I haven't. I did develop a program.
9 0 education, the question is complete.
A. Okay.
Q. Since 2001 -- withdraw that.

Since 2001, have you been an employee of any other person or entity?
A. I'm considered an employee of, I think, International Automated Systems, RaPower, Cobblestone
Central, BLT, DCL16 something, Solstice, XSun --
Q. I'm sorry?
A. Solstice.
Q. Could you spell that, please.
A. Probably not. I -- I think it's

S-O-L-I-C-E [sic], but I'm not positive. And I think
that's all. I'm not sure, really, l'm an employee. I
don't get paid, so is that -- is that considered
employee?
Q. I'll ask that question.

Do you receive a Form W-2 from any of the entities that you identified?
A. No. I -- I think -- no, I don't think
so. I don't think I get...
Q. Okay. We'll talk about those entities in a moment.

Mr. Johnson, do you recognize the e-mail address Neldon@IAUS.com?
A. Yes. That's my -- that's my personal e-mail system, I think, yeah.
Q. That's your e-mail address?
A. Yes. That's my e-mail address, yes.
Q. And do you recognize the e-mail address -- I'm sorry, let me take -- let me withdraw that.

So if people want to contact you, they can reach you at Neldon@IAUS.com?
A. Well, if I look at it. I don't normally even pay much attention to it, unless somebody tells
me to look at something. And if they do, then l'll look at it. But normally I don't -- I don't spend much time looking at the system.

If you e-mail me and you didn't tell me, chances are you wouldn't get a response.

Page 20
1 Q. Do you recognize the email address
GlendaEJohnson@hotmail.com?
A. That's my wife's e-mail.

4 Q. What about the e-mail address
RJ@IAUS.com?
6 A. I believe that's my son Randy. Randy Johnson's.
Q. Mr. Johnson, have you ever published any papers or books on solar energy technology?
A. Well, I -- l've written quite a bit for the website. Would that be considered a publication?
Q. Which website is that?
A. For International Automated Systems.
Q. Has anything you've written ever been
subject to peer review?
A. Yeah, I think so.

Well, I don't know how you classify peer
17 We, Wi, 17 18 -- peer review, but we've had white papers where we've
19 hired people to come and evaluate and get their
20 assessment as a -- as professionals in their fields.
21 Q. Mr. Johnson, are you familiar with the
22 process of submitting a paper to a journal, for
23 example, that is peer reviewed?
24 A. I don't know. I don't know what that 25 process would be.
Q. Have you ever submitted any of your writings to a journal to be peer reviewed by that journal?
A. I don't know. I was invited to speak at, I think, the Royal Academy of Sciences in London.
Q. Mr. Johnson, that's not my question.
A. I don't know what the question is, then.

MS. HEALY-GALLAGHER: Could you read back my question.
(The record was read as follows:
"Q. Have you ever submitted any of your writings to a journal to be peer reviewed by that journal?") THE WITNESS: No, I don't believe I have.
Q. BY MS. HEALY-GALLAGHER: Have you ever submitted anything you've written to any other person or entity for peer review?
A. Other than just the patent office. Is
that -- would that be considered a peer review of some
sort?
Q. If that's your answer, that's your
answer.
A. I'm not sure it is. I don't know what it
is. I know l've done a lot of patents and that's -- I
guess that would be a peer review of the technology,
Page 22
so in that -- in that -- if -- if that's true, then, yes, then I have -- I have submitted a number of -lots of patents.
Q. Mr. Johnson, have you submitted any of your writing to anywhere other than the patent office, to any other person or entity for peer review?
A. Well, there again, you're talking about --
Q. Mr. Johnson --
A. -- you're talking about a journal.
Q. -- the answer is yes or no. I'm not talking about a journal.
A. Well, then you're talking about, like, if I submitted a -- if there was a group of higher people, such as Stanford University.

The dean of Stanford University did --
did some reviews on -- on some of my equipment. I
think MIT did some. And I think that -- I'm not sure MIT, but I think that's correct.

But then BYU did some peer reviews on some of my technology. Some other entities that were professional in the field of -- of lens -professional to evaluate the lens, the solar lens that we developed.

And then there were peer reviews by some

1 people that worked for -- I believe they worked for 2 NASA. They were -- they were doctors. There was
3 three, I think. Three professionals that evaluated 4 the turbine.
5 Q. So I'm going to --
6 A. And --
7 Q. I'm going to ask you to stop there for a 8 second and we're going to revisit some of these folks. $9 \quad$ Who at Stanford, Mr. Johnson? The name of the person at Stanford.
11 A. I don't remember his name. He was just 2 the dean of the -- like, the dean department.
13 Q. Did that person provide you anything in
14 writing in response to what you submitted?
15 A. Yes, he did. Yes.
16 Q. What did he provide?
17 A. He provided the explanation of his 8 interpretation of what was presented, and he felt like that I was accurate in what I presented, and I think he said it would be viable technology.
Q. Mr. Johnson, do you have that writing from this person at Stanford?
A. I don't, no.
Q. When did you receive that writing from this person at Stanford?

Page 24
1 A. It was a long time ago. It was before 19--- it was before 2001. It was -- I think it was about in the 19 -- early -- mid-1990s, actually. Been quite a while ago.
Q. So you do not have the writing that this person from Stanford provided to you?
A. The SEC does. So if you need it, they probably have it.
Q. Okay. MIT --
A. I don't keep those things.
Q. Mr. Johnson, the person at MIT. Who was that?
A. It wasn't me that did that. I think it
was BYU that gave it to them, but I'm not positive how
that relationship --
Q. So, Mr. Johnson, please listen to my
questions and answer them.
If you don't know the person at MIT, you can just say "I don't know."
A. Okay.
Q. So I'm going to ask you again: Who is the person at MIT to whom you or someone else submitted a writing or technology for their review?
A. I don't know.

25
Q. Who is the person at BYU to whom -- well,
let me ask you this: Is there just one person at BYU to whom you or someone else has submitted information about your technology?
A. Well, no. There was -- there was different technology submitted to BYU. And I don't know exactly the procedure, but the last one was the dean -- I think the dean of electrical engineering department at BYU.
9 Q. Okay. We'll stop you right there.
How many people at BYU do you think have reviewed your writings or your technology?
A. Boy, I don't know. There was a group there at one time. There was -- I don't know. It was three or four. I don't -- at least three or four, I imagine.
Q. Okay. What were their names?
A. I don't know.
Q. When did these people review anything you wrote or your technology?
A. Well, the first group was right around, I think, in 2000 or 2001.
Q. I'm going to stop you there for a second. You said "the first group." Who was in that group?
A. I don't know. I don't know the names,

Page 26
but there was -- there were several of them.
Q. And you said that was in 2000 to 2001?
A. Somewhere around there. 2001, yeah.
Q. Did that group provide any writing in
response to what you submitted?
A. No, that group didn't, I don't believe.

7 Q. Did there come a time when there was any other information or technology submitted to anyone at BYU?
A. Not that I -- not on -- not on -- not -not in 2001, no, I don't believe so.
Q. Since then?
A. Yeah, I believe so. I believe Dave Nelson submitted some information to some BYU...
Q. When?
A. It was in -- I don't know exactly when.

It was after we got the patent on the project, so
would be about 2010 or '12. I don't know. I can't remember.
Q. 2010 or 2012 you say?
A. Well, it was in between -- in between

2 those dates. I'm not -- it may have even been after that. So I'm not positive just the dates. I don't know.
Q. Do you have any idea what it is that

1 David Nelson submitted to BYU at some point between 22010 and 2012?
3 A. Yeah. It was the electronic voltage --
DC voltage control form.
5 Q. And David Nelson is one of your 6 attorneys; correct?
7 A. He's the patent attorney, yeah.
8 Q. For this technology, which he may have submitted to someone at BYU.
10 Do you know the names of the person at --
person or persons at BYU who reviewed it?
A. I don't remember names like that. I have 3 a hard time with names.
14 Q. Did you receive anything in writing in 15 response from any folks at BYU about your technology?
16 A. Yes. We had a white paper given to us by
17 the person at BYU.
18 Q. Do you still have that white paper?
19 A. Yes, somewhere. I'm sure. Dave has it
20 at least, so it's -- it's -- it's -- you probably have
21 it. I'm quite sure you do.
22 Q. Has any of your writing or technology 3 been submitted to BYU, other than these two times we've discussed?
A. I don't know. We met -- also we met with

Page 28
1 the dean of the college of $U-$-- of UVU over our technology in that --
Q. Excuse me, sir. Is that BYU?
A. No, it's UV---
Q. Okay. I'm asking about BYU right now.

So has there been any other time that you have submitted technology or writing to BYU, other than the two times you've already identified?
A. There may have been. They -- they may have come down and visited the site and may -- they may have received --
12 Q. Why do you think they may have visited 13 your site?
14 A. We get -- we get hundreds of people visit 5 with us, and some of those people represent themselves
16 as having been to various colleges or universities.
17 Q. Have you had --
18 A. So we don't -- but we don't keep track of 19 them.
20 Q. So do you have names of anyone at BYU -21 from BYU who have visited your site?
22 A. I don't have, no.
23 Q. All right. Mr. Johnson, other than the
24 time that something was submitted in 2000-2001, or
25 David Nelson may have submitted some of your
technology to BYU, have you, or anyone else on your behalf, submitted any other writings or technology to BYU for review?
A. Not that I'm aware of, no.

5 Q. Okay. Mr. Johnson, what is UVU?
A. Utah Valley University, I think.
Q. And you believe you may have submitted your writings or technology to UVU at some point?
A. Yeah. They invited me over, so we had two, three, four meetings over there. And they had -one of the group there was the head of the department over the solar energy department at -- and another one was over the electrical engineering department, I believe, in automation robotics. And the dean of the college there was also there.
Q. When was that?
A. Not positive, but it was just a few years back. Been three, four years back, something like that. But I don't remember the dates.
Q. What were the names of the people that you met with at UVU?
A. I don't remember who they are.
Q. Did anyone from UVU provide you with any written evaluation --
A. No.

So it was quite a while ago. We were
invited -- I was invited back to -- to Washington D.C.
to discuss one of our technologies, and they had --
Q. I'm going to stop you right there,

Mr. Johnson, for a quick second.
What agency?
A. That's what I was going to say. There were several agencies there present. There was...
Q. I'm sorry, sir. Which agency invited you?
A. I'm not sure now. I think it was NSA, but I'm not sure.
Q. Do you have a name of the person who invited you?
A. No, I don't, but -- but...
Q. Do you have any names of the people that you met with there?
A. No. I didn't keep track of them.
Q. Did anyone from the U.S. Government, on
this visit, provide a written evaluation of any of your technology or writings?
A. No, I don't think so. But there were six of the best scientists in the whole country there, supposedly.
Q. I'll object to the responsiveness of the answer.
8 Sir, when was this that you went to Washington at the invitation of...
A. It was -- it was before 2000, but I don't remember the time. I don't remember the exact date.
Q. Did you ever go back?
A. I went back, yes.
Q. How many times?
A. They -- they -- they went -- I went back there one time and then they came -- brought their group out to my offices one time.
Q. Do you have any names of any person with whom you met or who visited your offices?
A. No, I don't -- I didn't keep track of anything like that.
Q. You mentioned NASA. When, Mr. Johnson, did you submit any technology or writings to NASA?
A. Well, they were -- there was a whole group of people at the time.

Page 32
A. No. They didn't -- they had it all -- it

25 was all together. It was all done in the same

## meeting.

2 Q. Mr. Johnson, you said that somebody at 3 BYU provided a white paper in response to David Nelson's submission. Have you received any other white papers from any other people or entities?
A. Yeah. There was -- I think there was, like I said, people from -- that were specialists in
the field of -- of optics. There was a specialist in
the field of -- of thermodynamics, rocket scientists,
mechanical engineering.
11 So we had -- yeah, there was -- there had 2 been, I think, several white papers from those areas.
Q. Okay. Mr. Johnson, who's the optics specialist who provided you a white paper?
A. I don't know who the name of the people were. It's listed somewhere, but I don't have it.
Q. When did you receive this white paper from the optic specialist?
A. I don't know. It was about 2005 or 2007, something -- between 2005 and 2007. I'm not sure exactly the date.
Q. Mr. Johnson, what's the name of the thermodynamic specialist who provided you a white paper?
A. I don't -- I don't know the names. The

Page 34
names are on the white paper themselves, but I don't -- I don't remember the names.
Q. When did you receive the white paper from the thermodynamic specialist?
A. Seems like in the early 2000s, but I'm not sure the dates on this.
7 Q. Mr. Johnson, when did you receive the 8 white paper from the rocket scientist?
9 A. It was in the -- it was between the dates 10 of 2002 and 2005 , I think. But I'm not sure the date.
Q. And what was that person's name?
A. I don't know.
Q. And what about the mechanical engineer specialist? What's that person's name?
A. I don't know who they are. I don't know the names.
Q. And approximately when did you receive the white paper from the mechanical engineer specialist?
A. Between 2002 and 2007 -- or '5. I'm not sure.
Q. All right. Mr. Johnson, we're going to run through some questions about some entities.

And with respect to these entities, I'll
25 ask it in each question, but -- we'll just carry on.

1
2 company called International Automated Systems, Inc.; 3 correct?
4 A. Yes, I am.
5 Q. Okay. And I understand that people call 6 it both IAUS and IAS. Is that your understanding?
7
8 A. It's -- it's -- excuse me -- it is -- can 9 I have just a little drink of water there. Yeah, I apologize.
11 IAS is the acronym that's used to identify, you know, the company, International Automated Systems.

IAUS is the stock symbol of the company. And some people refer to it as IAUS because of the stock symbol. But that's not something that we do, actually.
18 Q. Oh, okay. So your preferred acronym is 9 IAS?
A. Right.
Q. We may see both of those today.
A. Right, exactly. But you understand why they -- why they identified it that way.
24 Q. Sure.
25 A. Okay.

1 Q. And you mentioned the IAUS is what's on a 2 stock ticker. So IAS is owned by shareholders; 3 correct?
4 A. That's correct. It's a public
5 corporation.
6 Q. What's your percentage of ownership in 7 IAS?
8 A. Probably 80 percent, or something in that neighborhood.
10 Q. And that's of the preferred stock or 1 generally?
12 A. It's just the general ownership. It's
13 the voting -- voting rights.
14 Q. What, if any, percentage of IAS is owned
15 by the NPJ Family Partnership?
16 A. Well, actually, that's -- I apologize. I
don't -- I don't own it. It's -- it's actually owned
18 by the -- it's actually owned by -- by the partner.
19 It's a family trust of some sort.
20 It's a -- I think -- but I think that
21 it's been -- I think that's been transferred now to --
22 the ownership's been transferred to two other
23 companies. One is called Starlight, and the other
24 one's Blacknight, and they each own half.
25
So I don't own -- I don't own anything,

## Page 37

1 actually. I don't -- I personally don't own any of 2 IAS's stock at all.
3 Q. So just to make sure I understand correctly.
5 A. Right.
6 Q. Previously the NPJ Family Partnership had owned about 80 percent of the IAS stock?
A. That's correct, yes.

9 Q. But your understanding is that now --
A. It's been --
Q. -- two different companies --
A. -- split, yes.
Q. -- have split that 80 percent ownership; correct?
A. Right, yes.
Q. And one company is called Starlight and one company is called Blacknight?
A. I think -- I believe that is correct.
Q. Do you know if the split is even between them?
A. I believe that it is.
Q. And do you know where Starlight is incorporated?
A. I think they're in new -- Nevis.
Q. Nevis? N-E-V-I-S?

1 A. I think so, yeah.
2 Q. What about Blacknight? Where is it 3 incorporated?
A. Same. Nevis. Nevis.
Q. Who owns Starlight?
A. It's owned by the family. It's a fam- --

7 the same group that owned the NPJ Trust or the same group that owned the two other companies.
Q. What two other companies?
A. The Starlight and Black -- Blacknight, I believe.
Q. Okay. So, to your understanding,

Starlight is owned by the NPJ Family Partnership?
A. No. The same people own -- that owned the trust own the -- the new trust. They just -- they just transferred into two entities, and then they wanted two entities rather than one.
Q. Okay. And who are those people?
A. I think they're my two sons, Randale

Johnson and LaGrand Johnson. And I, myself, own --
own -- I think I own 10 percent --
Q. Does --
A. -- membership.
Q. To your knowledge, does anyone other than you, Randale Johnson, or LaGrand Johnson own

## Starlight?

2 3 that, yes.
4 Q. And, to your knowledge, the only owners 5 of Blacknight are yourself, Randale, and LaGrand Johnson?
7 A. I believe that's correct, yes.
8 Q. Does the NPJ Family Partnership still exist?
A. I believe it still exists, but I don't
think it has any assets in it. I'm not positive about
that, but -- I'm not sure.
Q. Mr. Johnson, IAS has a website that's identified as IAUS.com; is that correct?
A. That is correct, yes.
Q. Who is responsible for maintaining that website?
A. Myself.
Q. And who writes the content for the website?
A. I write -- I write a lot of it, and then I have it reviewed by some other -- other people review it, but I -- I do most of the writing for that.
Q. Who else might do writing, if not you?
A. They wouldn't understand the tech- --
nobody understands the technology but me, so I would have to be the one to write it.
Q. Okay.
A. But I have it reviewed, you know, to make -- for accuracies and...
Q. Who reviews it?
A. Just the -- the board of directors, the -- my son Randy, my son LaGrand. There may be other people that I use, but that's the basic ones. But the
content is basic -- what I do. I should say
"basically," I apologize.
12 You got to review everything I say and
13 then I can say it accurately so when I look at these
depositions, like, who in the devil would speak like
that? It's crazy, isn't it?
6 Q. And my understanding, Mr. Johnson, is
17 that IAS owns certain technology that it licenses to
18 RaPower-3?
19 A. Actually, the -- the -- actually, they
20 don't own any technology. What they do is they
21 license the technology from the -- the Starlight and
22 Blacknight on an exclusive license.
23

25

24 second.
Q. Okay. We'll come back to that in a

Does IAS have employees? 6 action?
7 A. Yes, yes. I'm the only one that does it, 8 actually. That and the board of directors, you know, 9 that control the company.
Q. Who's on the board of directors?
A. Oh, man, you would ask that.

MR. SNUFFER: I'm going to object to the extent it calls for testimony about IAS, whose deposition will be later this week.

If you know, you can answer.
THE WITNESS: I'm trying to think of the
names. Curtis Snow and...
MRS. JOHNSON: It's not Curtis. It's
Stacey.
MS. HEALY-GALLAGHER: It's okay. If you
don't know, you don't know. That's fine.
THE WITNESS: Okay. Yeah, I went to a party one time, okay, and -- or a group where I -- a professional group there, and somebody asked my name as I walked in. I says, hold on a minute, I got to go

## Page 42

1 ask somebody. It was embarrassing, wasn't it? It was terrible.

3
4 please.
5 (Exhibit 507 was marked for identification.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, you've been handed a copy of what's been marked as Plaintiff's Exhibit 507. Please go ahead and take a look at that document. Feel free to review it and let me know when you're ready.
A. Okay. I'm ready.
Q. Okay. Mr. Johnson, IAS has a yearly reporting requirement to the U.S. Securities and Exchange Commission; correct?
A. No, it doesn't.
Q. No?
A. No. We're -- we're -- it's -- it's not a requirement. We're -- we as a voluntarily -volunteer -- volun- -- okay. Say the word for me.
Voluntary. It's voluntary on our part to submit these documents.
Q. And Plaintiff's Exhibit 507 is IAS's Form 10-K for the fiscal year ending June 30, 2016; correct?
A. That's correct, uh-huh. of 41 .
3 A. 32, 41 -- or 31, 41, okay. 32. Okay. 4 32's on the --
$5 \quad$ Q. There we go.
6 A. Oh, there we go. Blaine Phillips. Okay.
7 Q. Okay. So you're recognizing other
8 directors of IAS on this form; correct?
9 A. Correct.
10 Q. Okay. And at the top of the signature
list, here we see that this page is the signature page
for the $10-\mathrm{K}$; right?
A. Right.
Q. And your name is signed electronically at the top; correct?
A. Correct.
Q. So you signed this $10-\mathrm{K}$ ?
A. I did.
Q. Mr. Johnson, if there are other Form

10-Ks available for IAS on the SEC's website, would
you have any reason to believe that those are not
accurate copies of what you submitted to the SEC?
A. I hope they are accurate, yes.
Q. Any reason to believe that they're not
accurate copies of what you submitted?
Page 44
A. No. They should be accurate, yes.
Q. Okay.
A. Absolutely accurate.
Q. Mr. Johnson, you're familiar with the
company called RaPower-3, LLC?
A. Yes, I am.
Q. Who owns RaPower-3, LLC?
A. I think it's DCL16. They -- I think, but
I'm not exactly positive, but I think that's who.
Q. Did you say that's DCL16A?
A. I think so.
Q. Who owns that entity?
A. I think that's owned by Starlight or
Blacknight, and I'm not positive.
Q. Does RaPower-3 have any employees?
A. None that get paid, so I don't --
Q. What do you mean by that?
If you don't know, Mr. Johnson, just say
you don't know. Please don't look at your wife for
answers.
A. Okay. I -- I -- I do not believe -- I do
not believe that they have any what you'd call
employees. So I'm not -- I don't think so. I'm not
positive, but I don't think so.
Q. RaPower-3 is an LLC; correct?

1 A. That's correct, yes.
2 Q. So who are the members of the LLC?
3 A. RaPower, I think, is -- DCL16, I think, 4 is the members. I may have some ownership in it. I 5 may have 10 percent. But I think the major owner is 6 DCL16A. And I haven't -- in order to be accurate, I'd 7 have to review the, you know, the documents, you know 8 the legal documents, but...
9 Q. Who's the manager of RaPower-3, LLC?
10 A. That I can tell you. That's myself.
11 Q. So when RaPower-3 acts, it acts through you; correct?
A. Yes. Yes, it does. When I'm acting as the manager. So I don't know that there's a distinction between what you just said.
Q. I'll ask you this: When RaPower -- like, does RaPower-3 act through anyone else?
A. No. No. But l just don't know the distinction of what -- of what you -- of how you classified your statement. And I just wanted to make that clear that while I -- while I'm acting as a manager of RaPower, I'm acting as -- as the manager.
Q. Sure. Maybe --
A. Not in -- not in behalf of myself.
Q. Sure. Maybe -- maybe this will help

Page 46
clarify.
A. Okay.
Q. When -- who gets to make the decisions on behalf of RaPower-3?
A. Well, it's the manager of RaPower-3, which I am then the manager. But I'm not acting at that point in time for and behalf of myself.
Q. Does anyone, other than you, make
decisions on behalf of RaPower-3?
A. There again, the statement "you" is confusing. Am -- if you're referring to you as a manager --
Q. Mr. Johnson --
A. I know, but I know it's -- I know it's --
but my mind works that way, I'm sorry. Because it takes the details and looks at them very closely. And so when you say "you," if you're referring to me as the manager, then, yes, then I am the one who makes the decisions.

If you're referring to me as the
individual, then, no. Or if you're referring to me as
22 the CEO of International Automated Systems, then, no.
See?
Q. So, Mr. Johnson, does anyone else make decisions for RaPower-3?

1 A. No. Only the manager. Yes.
Q. And the manager is you?
A. The manager is myself, yes.
Q. Mr. Johnson, what relationship, if any, does R. Gregory Shepard have with RaPower-3, LLC?
A. He is an independent salesperson.
Q. What relationship, if any, does the -does Shepard Global have with RaPower-3, LLC?
A. As far as -- I assume nothing more than
what I just explained. That's their only -- their
only sales people that are part of an MLM marketing
company.
Q. Okay. Does Mr. Greg Shepard have the authority to make decisions on behalf of RaPower-3?
A. No.
Q. Mr. Johnson, who owns RaPower-3.com?
A. I believe that's Greg Shepard's website, but it's not owned by RaPower-3, nor is it associated as any control by RaPower-3, the LLC.
Q. What about RaPower-3.net?
A. I believe it's the same. We don't --RaPower-3 does not own a website in behalf of itself.
Q. So, to your knowledge, Greg Shepard is responsible for RaPower-3.net?
A. Not -- we have a letter written to him by

Page 48
Dave which he signed indicating that he is totally responsible for any of the content that's placed upon that website.
Q. Do you have a copy of that letter?
A. I don't have, but it's in the -- it's --

Dave Nelson has it. So if you don't have it, you can get one.
Q. Do you know when that letter was written?
A. Several years ago. I don't know the exact date, no.
Q. Do you know why it was written?
A. Yes, Ido.
Q. Why is that?
A. Because we asked if certain information would be not put up on his website. And then he, without consulting me -- and he said he would do what he wanted to. It was his. So I had to write a letter stating that fact.
Q. All right. Let's back that up a little bit.

What information are you talking about that he put on the website without your permission?
A. Two letters. The -- supposedly the tax opinion letter written by McConkie and Anderson. I didn't want -- I didn't want that information out.

1 Q. Do you remember approximately when that
was?
A. I don't know. When I -- I didn't know it
was out until I -- it was made aware of me through
some other entity. But I -- I think it was 2011,
2012, but I'm not positive.
Q. How did you come to learn that

Mr. Shepard had posted a Kirton McConkie memorandum
and Anderson letter on his website?
A. I think some other individual brought my attention to it about that time.
Q. How did Mr. Shepard get those documents?
A. Well, he probably got them from me, but I
-- he was never authorized to go out on to the websites.
Q. Is there any way he could have gotten
those documents other than from you?
A. I don't know that he could have done.
Q. Was there any other content that

Mr. Shepard posted on his website that you did not want out there?
A. There probably was certain things that I
asked him not to -- to put out in the way that he put the things out, yes.
Q. What was that?

Page 50

23 MR. SNUFFER: Objection. Hearsay.
24 THE WITNESS: I don't know. I just -25 just people will tell me things and I'll say, well,
A. I don't remember what they were, but they

- there were probably a number of items that I
disagreed with.
Q. But you can't remember what those items
A. Not specifically, no.
Q. Since this incident when Mr. Nelson wrote
he letter to Mr. Shepard, what, if anything, have you
done to monitor what Mr. Shepard says on his websites
about your companies?
A. I tell him that I don't think some things are appropriate is all. But I don't know what they were. I can't remember.
Q. So have you reviewed the websites
A. I -- I hardly ever -- I don't think I've
ever even looked at it, actually. Other people tell
me what's up there. I don't usually -- I don't -- I
don't really have a lot of time to spend doing that
kind of stuff. I have a full plate.

1 I'll see what I can do to talk to him.
2 But I don't -- specifically I don't
know -- I don't have -- I don't have -- I have not
4 designated a particular individual to monitor.
5 Every -- every person that sells for us
6 is entitled to a website of their own, so anybody that
7 is a salesperson could put out a website. Some do,
8 some don't. I don't know. I've never looked at it.
9 But we don't -- we have -- we try -- we
put out specific things in -- in the -- I think in the
-- in the document that -- that allows them to do
certain things with websites, and hopefully they stay
within those guidelines.
14 But we don't have anybody specifically to 5 monitor those.
16 Q. BY MS. HEALY-GALLAGHER: Have there been
7 any other occasion that you've written a letter to
Mr . Shepard telling him to take information off of his website?
20 A. I've never -- I don't -- I don't
personally write those kind of letters. I -- I would
2 go through an attorney whenever I do anything like 3 that.
24 Q. Has there ever been an occasion --
25 another occasion when you've asked an attorney to do

1 that?
2 A. I don't believe I have, but I'm not positive that I haven't either. So I don't...
$4 \quad$ Q. Mr. Johnson, you -- well, let me ask you 5 this: What, if anything, do you know about an entity 6 called RaPower Web, LLC?
7 A. I don't know anything about it, actually.
8 Q. What about an entity that's called RaPower, LLC?
A. I'm not sure about that one either. I'm not familiar with it. Not right off the top of my head.
13 Q. What about an entity called RaPower 4 Three, with the "three" spelled out --
15 A. There --
16 Q. -- LLC?
17
A. I'm not familiar with the -- I may know

18 -- I may have documentation somewhere, but it's not --
19 it's not something that I would -- that I recognize.
20 Q. Mr. Johnson, are you familiar with an entity called Cobblestone Center?
22 A. I am.
23 Q. Who owns that entity?
24
25 without the documentation, I'm not positive. I may

## Page 53

only gain 10 percent.
2 Q. Do you know what kind of entity that is?
3 A. Just an LLC.
4 Q. Who's the manager of Cobblestone Center?
5 A. I'm the manager of Cobblestone Center.
6 Q. Does Cobblestone Center have any employees?
A. Yes, they do.

9 Q. About how many employees?
A. I think it's about 30 .
Q. Who runs the daily operations for

Cobblestone Center?
A. I do, as the manager of Cobblestone Center.
Q. Who makes decisions on behalf of Cobblestone Center?
A. Ido.
Q. Does anyone else make decisions on behalf of Cobblestone Center?
A. No.
Q. What does Cobblestone Center, LLC do?
A. They are the manufacturing facility --
they're the -- the company that actually manufactures
the solar energy project.
Q. What, if any, role, Mr. Johnson, does

Page 54
Mrs. Glenda Johnson play for Cobblestone Center?
A. She's not actually an employee of Cobblestone Center, so she doesn't do anything.
Q. Mrs. Johnson does not perform any work on behalf of Cobblestone Center?
A. She does it in behalf of myself, and I ask her to do things for me.
Q. What do you ask her to do?
A. She -- she takes care of the paper.
Q. Anything else?
A. No, that's about it.
Q. What role does Mrs. Johnson have with respect to RaPower-3?
A. She basically -- there again, she's not an employee, but she -- she works -- she does things when I ask her to do them, and basically she takes care of the -- the bookkeeping of the system, but not -- she doesn't act as an employee.
Q. What, if anything else, does she do other than bookkeeping?
A. That's about it. That's about all she does.
Q. What, if any, role does Mrs. Johnson play with respect to IAS?
A. None.

1
2 3 bookkeeping. But she doesn't -- there again, not as an employee, just as a favor to me.
5 Q. Does Mrs. Johnson --
6 A. And I don't pay her, either.
7 Q. Does Mrs. Johnson do anything other than
8 writing checks and engage in bookkeeping for IAS?
9 A. No.
10 Q. Okay. Now we're going to turn to the LTB entities.
12 A. Okay.
13 Q. And there are a few involved here, so I
14 want to make sure I understand the distinctions.
15 A. Okay.
16 Q. Are you familiar with a company called 17 LTB, LLC?
18 A. Ido.
Q. Who owns LTB, LLC?
A. I don't know. I don't know. I can find
Q. So you make decisions on behalf of LTB, LLC?
24 Q. So you make decisions on behalf of LTB,
25 LLC?


## Page 57

A. No.

2 Q. What is the business purpose of LTB, LLC?
3 A. The only purpose is to operate the power 4 plant when it -- when the power plant is selling
power. It's to regulate the sales of power, mostly,
and to maintain the -- the power plant when it's in operation.
Q. Mr. Johnson, to your knowledge, has LTB,

9 LLC ever operated a power plant?
A. No, it has not.
(Exhibit 508 was marked for identification.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, I'm
handing you what's been marked as Plaintiff's
Exhibit 508. For the record, the Bates number of this
document is Ra3009201.
Would you take a look at that document
and let me know when you've had a chance to review it.
A. Okay.
Q. Do you recognize this document,

Mr. Johnson?
A. I don't really, but I can read it, yes.
Q. Okay. So this is a profile of LTB, LLC.

Do you see that?
A. Uh-huh.
Q. Yes?

Page 58

5 (There was a discussion held off the record.)
6 MS. HEALY-GALLAGHER: Back on the record, 7 please.
8 Q. All right. Mr. Johnson, we're taking a look at what's been marked as Plaintiff's Exhibit 508, and you've had a chance to take a look at that document; is that correct?
A. That's correct.
Q. Now, let's take a look real quick. This is, like we said, a profile of LTB, LLC, and the description there says:
"A power generating company formed to
A. Yes, I see that.

MRS. JOHNSON: Where did this come from?
MS. HEALY-GALLAGHER: Let's go off the

1 Q. And that's the Chris Taylor you mentioned earlier?
3 A. That is correct.
4 Q. Okay. Do you have an understanding of what Mr. Taylor's background is or was?
A. No, I do not.

7 Q. Okay. Do you know if Mr. Taylor had any 8 experience operating any solar energy plant?
9 A. I know he did not, no. He did not have 10 that experience.
11 Q. Then when we see under -- next to "Plant 2 Manager" it says:
"Experienced manager of power plants to be named."
Do you see that?
A. Yes.
Q. Do you have any idea of who might have been an experienced manager of a power plant that LTB might have named?
A. The only thing that I can remember is that there was an individual that had worked for a power plant in Hawaii. And they were talking -- we were talking about him through the board of directors, but prior to the new board of directors that are there now.

17 operate International Automated Systems, Inc., IAS proprietary solar thermal and bio burner power plants."
A. Yes. I am familiar with that part of it, yes.
Q. Okay. And it identifies manager/member Chris Taylor.

Do you see that?
A. I -- yes, I do.
"A power generating company formed to
operate International Automated
Systems, Inc., IAS proprietary solar
thermal and bio burner power plants."

18

## Page 61

power plant to manage. That's the reason.
Q. Let's take a look down at the "Summary

Scope of Work By Contractor/Coordinator for LTB, LLC.'
Do you see that section?
5
6 contractor. Is that below that --
Q. Skip that.
A. Is that it?
Q. I guess it's under -- yeah, it's under
that heading.
A. Okay.
Q. It's the last third of the page.
A. Right. Contract company. Starts there?
Q. Right.
A. Okay. Okay. Yes, l've got that.
Q. Okay. Let's take a look at
"Interconnection." Next to "Interconnection" it says:
"All technical and commercial aspects
for grid interconnection."
Did I read that correctly?
A. Let's see. Company is also wholesale power.
Q. Sir, let me point that out to you.
A. Yeah, right there (indicating).
Q. Right here where it says

Page 62

## "Interconnection."

A. I'm sorry, I didn't read down far enough.
Q. So next to "Interconnection" it says:
"All technical and commercial aspects
for grid interconnection."
Did I read that correctly?
A. Correct, uh-huh.
Q. Sir, do you have any experience with the requirements for technical and commercial aspects for grid interconnection?
A. I do, yes.
Q. You do, okay.

What experience?
A. But I don't know that this -- this person
has. I don't -- I don't know what they're talking about.
Q. Hang on.

What, if any, experience do you have with the technical and commercial aspects for grid interconnection?
A. I'm going to -- I'm -- I'm an FCC electronics engineer, and part of my schooling would have been in power, electrical engineering as well.

And -- and so the interconnect was
developed a considerable number of years after I
graduated, of course. But we have studied out the
requirements to interconnect with the grid and what --
3 what applications and what equipment are required. In
4 fact, we do have that -- that equipment.
5 And so, yes, I am -- I am -- perfectly
understand what -- what's required in connecting to
the grid.
8 Q. And what's your understanding of that process?
A. Well, you have to get -- the procedure is
to -- is to get the qualify -- or the owner -- the
owner of that portion of the grid permission and to
hook up to their grid.
Q. Have you --
A. And --
Q. Sorry, let me stop you there.

Have you ever obtained permission from
any person or entity to connect to their electrical grid?
20 A. I'm not positive, but we were in --
21 Q. Yes or no, sir.
22 A. Well, I'm not positive, so -- I could
23 have done. Because we were in Mesquite and we hooked
it up there, I believe. But that was with the City of
Mesquite. And so they -- they're the ones that hooked
Page 64
-- hooked it into the grid.
2 But I'm not positive about the procedure
3 that we followed at that -- it's been a long time ago.
4 It was 2005.
5 Q. Since 2005, have you ever actually
6 obtained permission to hook into the grid owned by any other person or entity?
$8 \quad$ A. No. No, I don't -- we did -- we did
9 before that, though, with Utah -- it was Utah Power \& 10 Light at the time, I think. Rocky Mountain Power. 11 This was back in 2001-2002. We got permission to hook 12 to the grid on -- I think with the Rocky Mountain
13 Power.
Q. And, Mr. Johnson, since 2005, has any 15 entity that you direct obtained permission to hook into any electrical grid owned by any other person or entity?
18 A. No.
19 Q. All right. You've identified two 20 situations, one in 2001 or 2002, and one in 2005 where 21 you believe you may have gotten permission to hook 22 into an electrical grid.
A. Yes.

24 Q. Are there any other -- others prior to
25 those two times --
.

14

23 A Yes
people -- manager of the city or something. I -- but
I'm not positive.
Q. Do you have any names of anyone from that
situation?
A. No.
A. No.
Q. Did you keep any data regarding the electricity that you believe was put on the grid in Mesquite, Nevada?
A. No.

MS. HEALY-GALLAGHER: Could we take a
Q. So in 2005, Mr. Johnson, did you, or any
entity under your control, actually produce
electricity that went onto the grid?
A. Yes.
Q. Did any other person or entity purchase that electricity?
A. No.
Q. How do you know that electricity was
placed on the grid in Mesquite, Nevada?
A. We had meters on it.
Q. Do you -- did you keep any record?
A. No.
Q. Sorry, let me finish the question. I
know I paused.
A. Sorry.
Q. I pause sometimes.

Do you keep -- did you keep any record of
A. No.
Q. -- or other than those two times?
A. No.
Q. With respect to 2005, where is Mesquite?
A. Mesquite, Nevada. I'm sorry.
Q. Do you have any agreements, such as an
interconnection agreement, with respect to that 2005
hookup?
A. It was just for -- they were there at the
time and they hooked it in.
Q. So, no, you don't have a written
interconnection agreement?
A. I do not, no.
Q. And when you say they gave you verbal permission, who is "they"?
A. I believe it was the City of Mesquite, if

I remember correctly. I think that was the people
that allowed us in. And I'm not positive on that, but
that's -- they could have been some other entity, but
people -- manager of the city or something. I -- but I'm not positive.
situation?
A. No.

1 quick break off the record for a second.
2 (There was a break taken.)
3 Q. BY MS. HEALY-GALLAGHER: Mr. Johnson,
what was the technology in use in Mesquite, Nevada,
when you believe you put electricity on the grid?
A. It was the -- we had purchased some Fernel [sic] lens.
8 THE REPORTER: What kind of lens?
9 THE WITNESS: Fernel. Fresnel. I don't know how to...

MS. HEALY-GALLAGHER: F-R-E-S-N-E-L.
THE WITNESS: Lenses from a manufacturer.
They're very expensive, by the way.
We then used our turbine and our -- and our new heat exchanger -- the old style heat exchangers and the turbine.
17 The International Automated Systems patented turbine was used and a generator was attached to that turbine. And then we produced power from that system and showed that it would hook into the grid, demonstrated the fact that it would, and make power.
Q. BY MS. HEALY-GALLAGHER: You mentioned that there was an old-style heat exchanger?
A. Well, it's the traditional. It wasn't our new heat exchanger. It was traditional heat

Page 68
exchangers.
Q. Did you use a heat transfer fluid?
A. Yes, we did.
Q. What was that heat transfer fluid?
A. It was a high temperature oil.
Q. Is there a commercial name for this heat transfer fluid?
A. Yes, but I-- I don't know what it is.

It's -- I think it was a Dow Chemical company, but I'm not even positive about that.
Q. But you think it might have been Dow? D-O-W?
A. Yeah, but l'm not positive.
Q. Do you know what the chemical composition was of the heat transfer fluid?
A. No. It was just designed to get right around 700 degrees Fahrenheit. If you put it under pressure with a nitrogen, you can go higher.
Q. Mr. Johnson, how long -- for how long a period of time did this technology in Mesquite generate electricity that went on the grid?
A. It wasn't -- it wasn't constant. It was just off and on. And then it was -- it was there for,
24 I don't know, maybe a month or so. But it was just
25 sporadic.

1 Q. Do you know how much power the technology 2 generated in the course of that month?
A. I don't, no.

4 Q. Did you keep any records of the
performance of the technology and how much -- and/or how much power was generated in Mesquite, Nevada?
A. Not that I recall.
Q. Did you record any data about the performance of the technology in Mesquite, Nevada?
A. Not that I recall.
Q. Why did you leave it up for only a month?
A. It was just a demonstration unit. I was asked to provide some people that were in some kind of position in Mesquite to -- to demonstrate our technology in Mesquite. It was close to Las Vegas and so there were a lot of people that wanted to see it that didn't want to travel up -- clear up to Utah. But not only that, it was a portable unit. It wasn't -- it wasn't really very big. Just one of our small units. And so it was just -- it was
just to demonstrate the technology actually functioned.
Q. You said that there were some people interested in seeing the technology?
A. Oh, yeah. There was a lot of people from

Page 70
Vegas that came up. Hundreds of them.
Q. What, if -- what, if anything, happened after that with those people who were interested?
A. A lot of them bought stock. A lot of 5 them want me to get involved with them in developing projects for them, you know.

I think one was -- city was -- they even
offered some ground. I think it was Boulder City.
Maybe it was -- not Boulder. Was it Boulder? Anyway,
10 there was some city that was interested in doing some. They still are, I think. I don't -- I don't know.
Q. For the people who were interested in having projects for themselves, have any of those come to fruition?
A. No.
Q. Why not?
A. We hadn't got through everything that I wanted to get done.
Q. What does that mean?
A. Just means that I didn't want to put out something that -- that would have been a -- that I 2 would have felt like would be too expensive to operate and maintain. It was more expensive than I wanted to introduce. We had other things that were -- that were testing and research and development that I felt like

1 would be more pertinent for our overall -- what we 2 wanted to accomplish with the project.
3 Could we have done? Probably. It would have diverted our attention, I think, away from what I
wanted to accomplish.
6 Q. Mr. Johnson, has any entity that you make decisions for ever entered a Power Purchase Agreement?
A. I don't know. We had -- there was a power purchase in the process of being submitted as --
it was a -- it was a -- it was a -- it was about this
thick of the process. Whether or not that actually
2 went through, I -- I don't recall. But it -- we did
3 -- there was one submitted, I think, yeah.
14 Q. When was that one that you recall being 5 in process?
A. I think it's about 2007, something like that, yeah.
Q. Mr. Johnson, for the entities that you
make decisions for, could anyone but you sign a Power
Purchase Agreement?
A. No.
Q. For the entities that you make decisions
for, could anyone but you sign an interconnection
agreement?
A. No.

Page 72
1 Q. Okay. Let's talk -- I think this will
2 just be very quick and we'll take a break -- about the
3 Utah Power \& Light project in 2001-2002.
4 You -- Mr. Johnson, you testified earlier
5 that you recalled, I believe, having put power on the 6 grid at that time?
7 A. Yeah. I'm not positive, but there was -Utah Power \& Light wanted to -- to get engaged with me on a -- on a project, and they invited me to come down to the power plant at Bluffdale down in Beaver County, geothermal power plant.
12 And at that time they had an electrical 13 engineer that was assigned to work with me in getting
14 that project hooked up to their geothermal plant in
5 Millard County -- or not Millard -- Beaver County.
Q. So did this have to do with solar lenses?
A. Well, it had to do with the -- with the

8 -- with one aspect of it, which was the turbine.
Q. Okay. But not the solar lenses that we're talking about in this case?
A. Well, the -- yeah, the -- no, there was -- it was -- this demonstrates the feasibility of the turbine itself, yeah.
Q. Okay. So the 2001-2002 situation with Utah Power \& Light --

## Page 73

 are at issue in this case; correct?A. No. That was for coal fired and -- and geothermal site.
6 MS. HEALY-GALLAGHER: Okay. Off the record, please.
(There was a break taken.)
(Ms. Hines left the proceedings.)
MS. HEALY-GALLAGHER: We'll go back on the record, please.
Q. Mr. Johnson, we're back on the record after a short break.
A. Thank you.
Q. Are there any answers to my questions so far that you need to add information to or change?
A. I forgot them all. I can't even remember which one you asked.
Q. Okay. Did you talk to anyone during the 0 break about the facts of this case?
A. Yeah. He said I was boring.
Q. And that's your attorney, Mr. Snuffer?
A. Yeah. Isn't that rude? I can't believe
he would say that.
Q. One quick follow-up on RaPower-3.
1 Dage 74

Do you recall when RaPower-3 was
incorporated?
A. I don't know the date. I don't know.

4 Q. From the date of its incorporation to the
5 present date, has anyone else made decisions on behalf of --
A. No.

8 Q. -- RaPower-3?
9 A. No.

12 has there ever been anyone else to make decisions on
behalf of that entity, other than you?
A. No.
Q. To your knowledge, Mr. Johnson, is LTB, LLC in good standing with its state of incorporation?
A. I think they changed the state to Utah.

That was done by Dave Nelson, and I believe it is in good standing.
Q. What -- let's see.

So what was the initial state of
incorporation for LTB, LLC?
A. The initial state was Nevada.
Q. And, to your understanding, that changed when?

1 A. Just recently. Within a year or two, or
2 three. I -- I can't remember, but that's -- I think
3 definitely it is changed to the Utah corporation.
4 Q. Do you know why?
5 A. I'm not positive. I think it's just
6 easier to do business in Utah than it is Nevada, is
7 the only reason. I don't know.
8 Q. Who made that change?
$9 \quad$ A. I asked Dave Nelson to make that change
for me.
Q. So did you decide to make the change?
A. I did.
Q. Okay.
A. I did.
Q. So why did you decide to make that change?
A. I just felt like that Utah was a more
favorable place to do business.
Q. Do you know if LTB, LLC is still the name of the company in Utah?
A. I -- as far as I know, it hasn't changed the name.
(Ms. Hines joined the proceedings.)
Q. BY MS. HEALY-GALLAGHER: Okay. Let's talk about LTB1, LLC. Are you familiar with that

Page 76
entity?
A. I think they're the same. They do the -maybe that's what they changed the name to. I'm not positive, but -- so I'm not sure there's any difference between the two.
Q. You're not sure there's any difference between LTB, LLC and LTB1, LLC?
A. Not that I know of.
Q. So -- sorry, let me rephrase that a little bit.

So, to your knowledge, there is no difference between LTB, LLC and LTB1, LLC; correct?
A. Well, I think they assume the same functions. If there are -- if there's a difference in
the name and why they changed, I'm not -- I don't
remember why -- if there is a change.
Q. Well, let's --
A. They would -- they would function as the
same -- do the same function.
Q. Well, let's start with who owns LTB1, LLC?
A. That I don't know without going through

23 the records. I wouldn't know.
24 Q. Who is its manager?
25 A. I think I am the manager. Like, I don't
think Chris Taylor is anymore, of the LTB1. I don't
2 know Chris Taylor was ever LTB1, but I -- I believe I 3 am the manager.
4 Q. So you make decisions on behalf of LTB1?
5 A. Ido.
6 Q. Does anyone else make decisions on behalf of LTB1?
A. No.

9 Q. Has anyone else ever made decisions on behalf of LTB1?
A. No.
Q. What does LTB1 do?
A. They -- they're -- they don't do anything
right at the present time, nor have they done
anything. It's -- it's a -- it's a company that --
that may or may not be the manager or -- of a power
plant, and there isn't any definite decision made on
that. It's just that it's available if we need it.
Q. So correct me if I -- if I state this

20 wrong, but it sounds to me like LTB1 could fulfill the same functions as LTB, LLC?
A. That's correct.
Q. But LTB1, LLC has never maintained or operated a power plant; correct?
A. That's correct.

1 Q. Do you know where LTB1, LLC is 2 incorporated?
A. I believe it's Utah.
Q. So, to your knowledge, Mr. Johnson, LTB1,

5 LLC has never entered an interconnection agreement; correct?
A. Correct.

8 Q. And, to your knowledge, LTB1, LLC has
9 never entered a Power Purchase Agreement; correct?
A. Correct.
Q. Are you familiar with the entity LTB O\&M?
A. LTB what?
Q. O\&M. I believe that's LLC.
A. Not that I know of.
Q. Please don't look at your wife, sir. If you don't know the answer, just say you don't know.
A. Sorry. Okay. All right. I'm in trouble. Are we going to have a fight? That makes it more interesting. It wouldn't be so boring.
Q. So, Mr. Johnson, do you know who owns LTB O\&M, LLC?
A. I -- not myself. I don't know.
Q. Do you know who the manager of LTB O\&M, LLC is?
A. I -- as far as I know, l've never seen

1 the document. But I may have done, I just don't recall.
3 Q. So you don't know who the manager is? 4 A. I don't recall anything about the company 5 at all. I'm sure that I -- if I saw some paperwork, I 6 -- I might find a recollection. But at this point in 7 time, I -- I don't have any recollection of that.
8 Q. Okay. Are you familiar, sir, with the 9 entity XSun Energy?
10 That's the letter X --
11 A. Yes, uh-huh.
12 Q. -- S-U-N.
13 A. Okay. Sorry.
A. I believe that is -- I am the manager of XSun.
23 Q. Do you recall when XSun Energy was formed?
25 A. I don't. 2008, '9, '10, I don't know.

Page 78
1 I'm not positive.
2 Q. And do you make decisions on behalf of XSun Energy?
A. I do. I do.

5 Q. Since XSun Energy was formed, has anyone else made decisions on behalf of XSun Energy?
7 A. No.
8 Q. What does XSun Energy do?
9 A. They're a marketing organization for the
0 technology -- energy technology, with an agreement, I believe, with International Automated Systems on a license royalty agreement.
13 Q. What's the difference, if any, between
14 what XSun Energy does and what RaPower-3 does?
15 A. There's a difference -- excuse me --
16 there's a difference in the way they market the
17 products.
18 Q. What's that difference?
19 A. One -- I -- one is a multilevel marketing 20 company; one is a direct sales organization.
Q. So XSun Energy is direct sales?
A. Yes, uh-huh. The -- the -- there's --

23 they don't operate -- the sales people are -- are --
24 are separate. They're not employees of XSun, either,
25 but they don't operate as a multilevel marketing

## Page 81

    group.
    2 Q. But the RaPower-3 sales structure is a
multilevel marketing group; correct?
A. That is licensed in all 50 states, yes,
it is.
Q. And that is the multilevel marketing?
A. That's correct, yes.
Q. Does XSun Energy have any employees?
A. No, they do not. But me, I mean, I don't
know how you qualify that to me, but -- so I am an
employee, I guess, of XSun.
Q. What, if any, role does Mrs. Glenda
Johnson play with respect to XSun Energy?
A. She would take care of the bookkeeping by
just a favor of -- for me. She's not an employee.
Q. She writes checks for XSun Energy?
A. Yes, yes. She takes care of all the
money for me.
Q. Does she do anything else other than
bookkeeping and check writing for XSun Energy?
A. She does not.
Q. And let me ask you this, too: What, if
any, role does Mrs. Johnson play with respect to LTB,
LLC?
A. None.
Page 82
1 Q. No bookkeeping?
2 A. There hasn't been any bookkeeping for
that company. I don't even know if it has a bank
account, to tell you the truth.
5 Q. And is the same true for LTB1, LLC?
6 A. That's correct. Excuse me. That's
correct, yes.
8 Q. Does XSun Energy, LLC do anything other
9 than marketing the technology?
A. No.
Q. Okay. Let's talk about SOLCOI, LLC. Are
you familiar with that entity?
A. Yes, I am.
Q. Who owns SOLCOI, LLC?
A. There again, without having the
documents, I don't really know. But I think I still
own 10 percent.
Q. Who is the manager of SOLCOI, LLC?
A. That -- that's me. That's Neldon
Johnson.
Q. Do you recall when SOLCOI, LLC was
formed?
A. It's been a while. 2008, '9. Or it
could even be later than that. I don't know. Could
have been before that, too. I don't know.

1
1 Q. Do you make the decisions for SOLCOI, 2 LLC?
3 A. I do.
4 Q. Since SOLCOI was formed, has anyone else made decisions for that entity?
A. No.

7 Q. What, if any, role does Mrs. Glenda
8 Johnson play with respect to SOLCOI?
9 A. She, again, as a favor to me does the
0 bookkeeping and controls the money.
11 Q. Anything else?
12 A. No.
13 Q. What does SOLCOI do?
14 A. Just the marketing. It has marketing 5 arrangements with IAS with a contract on royalties.
Q. How is SOLCOI's marketing different from RaPower-3's or XSun Energy's?
A. Just probably the size of the projects.

They have a different entity, there's different
requirements to -- different sales structure,
different entity that they're able to work with rather
than the -- the XSun or the RaPower.
Q. So what's different about the SOLCOI
structure and system?
25 A. They're able, then -- they're able to

1 separately negotiate contracts without having a -- a
set structure on -- on the way the negotiations of the separate contracts are arranged.

4 Q. Who negotiates on behalf of SOLCO?
5 A. I -- I-- I do all the negotiations on
6 behalf of -- of SOLCO as their manager.
7 Q. How many customers does SOLCO have?
8 A. I don't know for sure.
9 Q. More than five?
A. Could be, but I don't know for sure. I 11 -- I don't keep track of that unless I need -- need to 12 know for some reason.
13 Q. Who does keep track?
A. Well, my wife does the bookkeeping, and 15 so she -- Glenda Johnson probably has a record of it on her computer system. So...

But she does it, you know, as a favor for
18 me.
19 Q. So do you have an idea of SOLCO's sales 20 since it was formed?
A. Well, I know of a couple.
Q. I mean gross. Gross sales?
A. I -- it's in the tens of millions of
dollars. I don't know. They're under contract. They
24 dollars. I don't know. They're under contract. They
25 have -- they haven't collected all that money, but
10

14

17

Page 85
there's money in escrow accounts, as far as from what I understand, to complete the project.
Q. Do you have an idea of the number of customers that XSun Energy has?
A. I don't know right off the top of my head, no.
Q. Do you have an idea of XSun Energy's gross sales?
A. No, I'm -- I don't even venture on that one. I -- without looking at the books, I really wouldn't know.
Q. Does SOLCOI sell lenses or does it sell something else?
A. No, it does sell lenses, but the projects are negotiated on a different basis and there's different requirements on -- on the legal structures that we enter into that we require them to have, I think, in order to do business on that level.
Q. Does XSun Energy sell lenses or does it sell something else?
A. Mostly just lenses.
Q. And RaPower-3 sells lenses; correct?
A. That's correct.
Q. And are they the same lenses, whether it's RaPower-3, XSun Energy, or SOLCOI that's doing

1 Q. Okay. And is the idea that those -- that the lenses sold by XSun Energy, RaPower-3, and SOLCOI
would ultimately be operated and maintained by LTB, LLC or LTB1, LLC?
A. It depends on the contracts. The
contracts are not -- the people that buy the lenses
7 are not obligated to use LTB or any -- any -- any
operational company. That's their choice.
Q. To your knowledge, has anyone who has
bought lenses chosen a company other than LTB, LLC or LTB1, LLC?
A. No, not that I know of.

MS. HEALY-GALLAGHER: Let's go off the record for a quick second.
(There was a discussion held off the record.)
(Exhibit 509 was marked for identification.)
MS. HEALY-GALLAGHER: All right.
Mr. Johnson, we have set up what has been marked as
Plaintiff's Exhibit 509, which is a disk exhibit. And
like we talked about, what we're going to do is walk
through some files on this disk, and I will call those
out for the record as we go through.
Q. First off, Mr. Johnson, do you recall
that on April 4, 2017, the United States counsel made
a site visit to Millard County, Utah?
the selling?
A. Yeah. Well, you know, we could enter into a contract for different sizes of lenses, and I suppose that --
Q. I'm sorry, I'm going to stop you right there.
7 Different physical sizes of the physical lens or a different quantity of lenses?
A. No. We can -- the size of the lenses are 0 -- are -- are variable according to the -- the mold that goes on the machine.
Q. Okay. Well, let me -- let me ask potentially a better question.
A. Okay.
Q. In the past, as of today, have RaPower-3, XSun Energy, and SOLCOI sold the same lenses?
A. Yes. Yes, that's correct.
Q. Is there any difference in pricing of those lenses between XSun Energy, SOLCO, and RaPower-3?
A. No, the pricing is the same.
Q. For lenses sold by RaPower-3, XSun

Energy, and SOLCOI, LLC, is it Cobblestone Center that manufactures the infrastructure for those lenses?
A. That's correct, yes.

Page 86
1 A. Yes.
2 Q. Okay. And the first place that we 3 stopped there was the manufacturing plant.

Do you recall that?
A. Correct.
Q. Okay. Then we traveled to a house that was on some land.

Do you recall that?
A. Yes.
Q. And behind that house was a large field
that had certain structures in it. I believe you
called that the construction site; is that right?
A. Correct.
Q. Okay. And then after we visited the
construction site, we drove a little bit and visited
what I understand to be the R\&D side.
Is that your understanding as well?
A. That's correct.
Q. Okay. So -- all right.

Let's take a look at the first video,
which file name is video 12_4_00-4-23. And just for
2 the record, the starting time stamp for this video
clip is 13:01:38.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, do

## Page 89

you recognize what's shown in this particular video clip?
A. Yes.
Q. This video clip is a pan of at least much of the R\&D site; correct?
A. Correct.
Q. And, Mr. Johnson, the only towers that
have been built are the ones that are on the R\&D site;
correct?
A. Correct.
Q. Next clip is video 12_4-38-5_15. The
beginning time stamp is 13:2:16.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, was
that an accurate depiction of what the R\&D site looked like on April 4th?
A. Yes.
Q. Next clip is video 16_12_24-12_41. The beginning time stamp is about 13:28:16.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson,
does that video clip accurately reflect a board
burning underneath a set of lenses?
A. Yes.
Q. Next clip is video 16_1_38-1_59.

Beginning time stamp is 13:17:30.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson,
what's depicted in that video clip?
A. That represented a fire input to a new
type of heat exchanger that we had patents -- just
received patents on.
Q. So is the new heat exchanger featured in
this video clip?
A. It is
Q. Okay. I'm going to play it again and you
tell me where we first see it.
A. Okay.
(Video played.)
THE WITNESS: Okay. Right there.
Q. BY MS. HEALY-GALLAGHER: Okay. So that's at time stamp 13:17:42.

I'm going to continue the clip and you
let me know when the heat exchanger is no longer in
view.
A. Okay.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Okay. The clip
just ended, so then did the camera pan to see the
entire heat exchanger?
Page 90 mold. So...
Q. You mentioned molten salt. Was there any molten salt on site when we visited on April 4th?
A. Yes.
Q. Where was it?
A. It was inside the heat exchangers and the tanks and the other heat exchangers.
Q. Where did you get the molten salt?
A. That just -- we -- there's a company -there's several companies that -- that make molten salt. We -- we found this company that makes a molten salt that is a very low temperature melting point molten salt, and so -- but I can't remember the company.
Q. You don't know the company name?
A. I don't. I don't remember what it is.
Q. Is it in any of your documents?
A. Oh, yes. It's -- it's there in the -- in your documents.

1 Q. Mr. Johnson, what's the composition of the molten salt that you use?
3 A. Without -- without looking at the exact composition, I don't know. But I can -- I can give an approximation if you want.
Q. I'll take an approximation right now.

7 A. Okay. It's a -- it's a potassium
chloride -- sodium chloride combination, I think -- I
9 think, and I don't know this -- it's combined with a
10 fluoride salt to get the temperature to the lowest possible melting points.
12 I'm not sure of the fluoride, but I think 3 it has fluoride in it.
14 Q. Have you ever used any other heat 15 transfer fluid other than molten salt at the R\&D site?
A. Yes. We've used the high temperature oil as well. But you can't -- well, we'll let you ask 18 that question, I guess.
19 Q. Have you used any other heat transfer 20 fluid besides high temperature oil or molten salt?
21 A. Yes. We've used water and we've used a 2 liquid metal, a metal that is a low temperature 3 melting metal. I think the melting point of the metal is actually a little over 110 degrees.
25
Q. Have you used any other heat transfer

Page 94
1 fluid besides high temperature oil, molten salt, water, or liquid metal?
3 A. No, I don't believe so.
4 Q. Is the high temperature oil the same oil
5 you said you used in Mesquite?
6 A. Not positive. I'm not sure exactly.
There was a problem with the oil in Mesquite that -that higher temperatures, even adding the nitrate --
nitrogen side of it, when it got -- got on to the
burner side, it would coagulate, cause me some problems. I think we changed the oil.
Q. And that -- I'm sorry.

The oil that coagulated, was the one in Mesquite?
A. Yes. It was more difficult to use, I think.
Q. And what was the liquid metal that you used as heat transfer?
A. Cesium -- combination cesium.
Q. I'm sorry, could you spell that, please.
A. I'm not sure of the name, but I think it was cesium, C-E-S-S-I-U-M [sic], I think. But I'm not even positive of that, but I think it was a cesium, lead, babbitt formation there.

THE REPORTER: Babbitt?

1
2 I believe. I'm not positive the spelling either.
3 Q. BY MS. HEALY-GALLAGHER: Since we visited on April 4th, have you used any other heat transfer 5 fluid than molten salt?
6 A. No. No, we haven't used anything else.
7 Not -- not in that system that you saw. In the heat
8 exchanger that you represented we haven't changed the
9 -- from that molten salt out of that system.
10 Q. Okay. When we visited on April 4th, was the molten salt actually molten?
A. No.
Q. Has it ever been?
A. Yes. Yeah, several times. Lots of
times. I should say many times.
That's -- when I read that, put "many
times."
Q. All right. The next video clip that
we're going to take a look at is video _8_32-8_57.
All right. The beginning --
approximately the begin time stamp of this video clip is 15:24:24.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, was that video clip an accurate depiction of what was on

Page 96
1 the R\&D site on April 4th?
2 A. Yes, it was.
3 Q. What did that video clip show?
4 A. It shows the step-up transformer on the
5 three-phase step-up transformer system.
$6 \quad$ Q. And what does that do?
7 A. Takes your power generated from your generator on your turbine and increases the voltage up to the -- the -- it could -- it brings it up to the line level on your -- on your power lines.
Q. Mr. Johnson, at the beginning of this video clip at time stamp 13:24:25, I see what looks
like a power line coming out of the step-up
transformer; is that right?
15 A. That might be. I can't see the whole thing, but it appears to be that's what it is.
Q. Looking at this video play a little bit 8 more --
19 A. Yes. That looks like that's what it is, yes.
21 Q. You see that that is what that is?
22 A. Uh-huh.
23
24
25 also using power to drive a motor that we -- that we

## Page 97

were going to put on a well. So it could go to there
or it could go up to the power grid. I'm not exactly
sure where that line -- what that line does, whether
it goes to the well on the power grid.
Q. Where is the well?

6 A. The well is on the west side of the
7 property -- southwest side of the property there
8 Q. So is that going in the direction of the house?
A. Oh, no. It goes west of that. House is northeast of the property here that this is on
Q. Okay. So if it's not going to the well,
it's going to the power lines?
A. Right
Q. Okay.
A. Right. Absolutely.
Q. The next video clip is video 9_2_18-2_31.

Beginning time stamp is approximately 12:41:12.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, did
that video clip appear to be an accurate depiction
of -- actually, a portion of the construction site
that we visited?
A. That's correct.
Q. Okay. And what we see in this video

Page 98
clip, correct, at time stamp 12:41:14 is -- in the
back rear of the clip we see the towers from the R\&D site; correct?
A. No. This is the construction site.
Q. I'm pointing your attention to the
horizon.
A. Okay.

8 Q. And there we see in the horizon, we see
the towers from the R\&D site; right?
A. That's correct.
Q. And that's in the upper left-hand view of this video.
A. You got good eyes.
Q. And we also see, running through the main portion of this screen that we can see right now, what appear to be power lines; is that right?
A. That's correct, yes.
Q. So, Mr. Johnson, is -- are these the power lines that run from that step-up transformer to the -- connect to the power lines by the house?
A. One of the lines is a three-phase power line, and it goes up to operate some equipment. The other power line is -- goes to the grid. So there's
two -- we can interchange the way we use the power, but one -- one does go to the grid, yes.

Page

1 Q. Okay. And on April 4th when we visited, 2 there was no electricity running through these lines; correct?

4 A. That's correct, yes.
5 Q. Okay. Next video clip is video
6 18_2_58-3_13. Beginning time stamp is about 14:21:51.
7 And, actually, at time stamp 52 I'm just going to
8 pause this real quick to ask you first.
9 Mr. Johnson, is -- is this an accurate
depiction of a portion of the construction site?
A. Yes. Yeah, that's it.

12 Q. Okay. And what do you see in this image right now?
A. This is just a fuse box.

15 Q. And what, if any, role does this fuse box play?
A. It doesn't -- doesn't play any -- it just provides power to the buildings behind there and -- and there the interconnections are actually -the line you're referring to is actually buried in the ground over to the -- over to the pole. These are -these are just -- these are just from the house over to the buildings, I think.
Q. Okay. So where does -- the power line that we saw going across the land, where does that end

Page 100
up?
2 A. It's buried into the -- into that box right there. You can't see it, but the transformer's 4 in this small building right there (indicating).
5 Q. Oh, okay. So you just pointed -- in the 6 view that we see here, you pointed to what looks like 7 some plywood --
8 A. Right.
9 Q. -- on the right-hand view?
10 A. Right.
11 Q. And so you're saying the transformer is 2 in the portion contained in the plywood?
A. Right.
Q. Okay. So what role does the transformer play?
A. It just continually either steps up or steps down, depending on where I want to use the power and how I want to use it. If I want to use it for the house, then I use a step-down transformer. If I want to use it for the grid, I step it up for it. It's just how you connect the transformers.
Q. I'm sorry, just to make sure that I have it right.

The line that we saw going across the land goes into the transformer?

| 1 | A. | Uh-huh. |
| :--- | :--- | :--- |
| 2 | Q. | Yes? |
| 3 | A. | Right, uh-huh. |
| 4 | Q. | Next clip is video 18_0_34-0_57. |
| 5 | Beginning time stamp is approximately 14:19:7. |  |
| 6 | (Video played.) |  |
| 7 | MS. HEALY-GALLAGHER: And you know what |  |
| 8 | I'm going to pause this and restart it, and I will ask |  |
| 9 | you to take the audio on this. |  |
| 0 | THE REPORTER: If I can. |  |
| 1 | MS. HEALY-GALLAGHER: Right. Understood. |  |
| 2 | (Video played and transcribed.) |  |
| 3 | "Hi, hey, this is the electronic |  |
| 14 | device that automatically monitors |  |
| 15 | the power on the line, makes it legal |  |
| 16 | to put the power from the -- our |  |
| 17 | solar energy project on the power |  |
| 18 | grid and protects the grid from |  |
| 19 | being -- the power going onto the |  |
| 20 | grid when there's not power on the |  |
| 21 | grid. So it protects the -- the -- |  |
| 22 | transformer and hooks to the grid. |  |
| 23 | Okay? That's what we use and I keep |  |
| 24 | that down away when I don't need it |  |
| 25 | here." |  |

1 Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, was
that video clip an accurate depiction of what was on
site during our site visit April 4th?
A. Yes, it was. Thank you.
Q. And that was you in the video; correct?
A. That was me. I'm in my work clothes.

7 Q. And at time stamp 14:19:12, you are
8 holding and pointing to what looks like a box. What
is that box?
A. This is the control panel board of the box, basically, and -- and then what this does, it's
an interconnect from your -- a power plant to a
open-grid circuit. And this is required to -- to
maintain power to the grid when the grid is -- is alive or have -- or it's already active.

If for some reason the grid, the wire
loses power, then this shuts off the power coming from
your solar power plant to the grid.
Otherwise, you would keep the grid alive
when -- when there was no power being produced, and
the people working on the grid would think that they
shut the power off. And if you didn't have this on
it, they would still have a live -- a live grid.
And so what this does is monitoring the
5 -- monitors the power on the grid. And if you lose

1 power off the grid, it makes it so that this
2 connection from my solar power plant doesn't activate
3 the grid.
4 Q. Okay. Have you ever connected that 5 box --
A. Yes, I have.
Q. -- to -- I'm sorry, let me finish the question.
$9 \quad$ Have you ever connected that box to any
piece of equipment on the R\&D site or the construction site?
12 A. Yes. We -- we tested it out to make sure
13 that it was going to work.
14 Q. When?
15 A. Oh, I don't know, several years ago when we first bought it. It was a long time ago. But I
17 think we had a Rocky Mountain Power man with us when
18 we tested it out.
19 Q. And, I'm sorry, when did you say you
20 bought that?
21 A. I'm not sure. It was quite a while ago.
22 It was...
23 Q. Before or after 2010?
24 A. I'm not positive. I mean, I don't
25 remember, but it was -- I think it was before, but I'm

Page 104
1 not positive.
2 Q. Why wasn't it connected when we visited?
3 A. We didn't have any kind of power going to
4 the grid from where you were at, but we also don't --
5 I-- I don't have the right to keep it on from -- I
6 don't have a statement from Rocky Mountain Power that
7 I can keep that permanently hooked in. Without that,
8 we wouldn't -- we wouldn't do that.
9 Q. A couple questions. Number 1, where does
10 that go?
11 A. Well, it -- it -- it goes on the low --
12 the low power side.
13 Q. Of what?
14 A. Of your -- of your transformer. Because
5 this -- this one only goes up to, I think, 600 volts,
and so you'd be -- it would be on the low side of your
7 power transformer. And it's before your grid.
18 Q. What statement are you talking about from
19 Rocky Mountain Power?
20 A. I'm not sure what you -- what -- what
21 frame reference you're referring to.
22 Q. Well, you said that you don't have a
23 statement from Rocky Mountain Power that allows you to
24 keep that connected.
25 A. Correct.

## Page 105

1 Q. What statement are you talking about?
2 A. Well, in order -- like, you have a --
3 like a solar panel on your house. In order to hook
4 that solar panel up to your -- to the -- to the -- to
5 the grid, you might say, you have to have
6 authorization from the -- the power provider that owns
7 the grid to make sure that the -- the -- the -- the
8 equipment is actually working properly and -- and --
9 and then that they -- that you have access and the
0 right then to access your power onto their -- onto
their power lines.
Q. And you don't have such authorization from Rocky Mountain Power; correct?
A. We do not. We do not.
Q. Okay. Have you ever had that authorization?
17 A. Well, we had -- not -- not that type, no.
We haven't had that type of authorization.
Q. Have you had any other authorization from Rocky Mountain Power?
A. Just the verbal. Just the testing procedures, I think.
Q. And when, if ever, did you get verbal permission from Rocky Mountain Power to test something?

Page 106
1 A. It's been a long time ago. It's probably right around 2010 or before. I don't -- I'm not sure.
Q. Who gave you verbal permission from Rocky Mountain Power to test something?
A. Oh, it was just one of the -- the people that worked there.
Q. Who?

8 A. I don't know the names. I -- some guy that works at Utah -- that was working there at the time.
11 Q. What did this person give you permission 12 to do?
A. Just to fire it on and test it out, make 14 sure it was going to function properly.
Q. Fire what on?
A. I mean, just put the -- the circuit on

17 and make sure that the -- the -- it would do what it
18 was supposed to do. And he had -- you know, and he
19 checked it out and he agreed that it worked according 20 to what the specifications were.
21 Q. What is it that you actually -- you say
22 fire it on -- fire the circuit on. He tested it.
23 What's "it"?
24 A. We actually put -- we actually -- this is
25 it. We actually put power --

1 Q. This -- I'm sorry --
2 A. -- we actually put power to the system, which then turned the system on, which then produced -- which then produced the connection for it to go onto the grid.
Q. And you're pointing at the --
A. The -- this is the -- yeah, the power --
the circuit that controls the -- your access from --
from your access point, from your -- from your power
plant to the grid portion of the power delivery
system, you must have an interconnect system that's
certified by the -- by the power plant or the
government that it operates according to this.
And this is the box -- this is the
circuit here that can -- that operates that. To make it operational, we had to feed it with some power, and then we had to monitor that the power's going on.
18 Then we had a place where we could break the power from the power grid back into this to make sure that this was going to operate properly.
21 Q. Okay. So when you talk about this operating properly, this --
A. I'm talking about --
Q. Hang on. Let me let me just finish the -- let me finish the question.

Page 108
1 A. Pardon me. Sorry.
2 Q. I want to make this clear for the record.
3 A. Okay.
4 Q. When you're talking about this working properly, you're talking about the box that appears in video 18_0_14-0_57?
A. That is correct.

8 Q. And what did you call that again?
9 A. It's the -- it's the -- it's the circuit
0 -- it's the circuit interconnect from a -- from a
source of power on one side of the box to make it so
that you can connect that -- that electricity being
produced on this side of the control circuit board
through the -- through this --
5 Q. Interconnect?
16 A. -- interconnect to the grid.
17 Q. Okay. So we're going to call this the
8 "interconnect."
A. Okay.
Q. Okay.
A. All right.
Q. You said that you had to run electricity
through the interconnect to see if it worked; correct?
A. Correct, uh-huh.
Q. Where did the electricity come from that

## Page 109

Page 111
you ran through the interconnect?
A. Just off our power plant system down
there. The R\&D power plant on the -- on the cords
that you see on the line.
Q. When did that happen?
A. I don't know. It's been a long time ago.

2009, 2010. It's just when we -- when we purchased it
8 I don't -- I wanted to make sure that it was going to operate properly.
Q. And, Mr. Johnson, did you keep any record of producing electricity from the R\&D site that went through the interconnect onto the grid?
A. No, I did not.
Q. Did you keep any data about that electricity?
A. No, I didn't. I didn't keep any data.
Q. Who else was there when you produced
electricity and ran it through the interconnect?
A. I don't really remember. I -- it was just when I got it in. When I got the circuit interconnect in I wanted to test it out, and just whoever was working there at the time would have been there, but I didn't need any help. I did it just myself. And the person from the power company.
Q. Who's name you don't know?

Page 110
A. Who -- I don't know the names.

2 Q. Do you know what this person's role was
3 at Rocky Mountain Power?
A. He was just a worker.
Q. Aside from this time when you tested the

6 interconnect, is there any other time that electricity
7 has been generated from the R\&D site and gone onto the
8 grid?
A. No, no, there hasn't been. It's not

0 something I would do.
Q. Did you tell anybody that you had take --
put -- taken electricity from the R\&D site and put it
on the grid?
A. No, I did not.
Q. Why not?
A. Because it would have created everybody

7 wanting to see it, and $\mathrm{I}-$ - and I just didn't want to
8 show it at that time for -- it was reasons because I
9 just felt like that it would interfere with the R\&D
0 that I was doing at the time.
I could have -- I don't know how to
explain it, because it just doesn't make sense to
other people. But to me it makes perfect sense,
because I was finishing off things that would make a
power plant much more -- much -- much less expensive
to build, much less expensive to operate and to maintain.
And I didn't want to -- I didn't want to
start projects that would -- that would -- would cost
me more and create a maintenance problem the
traditional power plants have.
Q. Okay.
A. And I wanted to avoid that and I didn't
want people to badger me about, well, you got it
working, let's go down and put it up.
Q. Okay. We're going to take a look at what

I believe is one last video clip for right now, which
is video 18_2_27-2_39. The beginning timestamp to the
video is 14:21:22.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, was
that an accurate depiction of being on the
construction site on April 4th?
A. Yes, it was.
Q. Okay. And, again, that was you in this
video clip; correct?
A. Correct.
Q. All right. I'm going to play this again.

I'm going to pause it and ask you some questions.
(Video played. )
Page 112
1 Q. BY MS. HEALY-GALLAGHER: Okay. I'm at timestamp 14:21:28.
3 Now, Mr. Johnson, I believe in this clip
4 you are pointing to the utility pole where you expect
5 to connect to Rocky Mountain Power; correct?
6 A. Correct.
7 Q. Okay. I see a total of one, two, three, four poles in this image.
9 A. Okay.
10 Q. Do you agree?
11 A. Right.
12 Q. So which pole is it?
13 A. It's the middle pole.
14 Q. So are we -- you see this pole that's all
15 the way on the right (indicating)?
16 A. Right.

1 A. Correct.
2 Q. That has what looks like a cylindrical item at the top of it?
A. Right.
Q. Is that the pole?
A. That's correct.
Q. Okay. But there is no line on that pole; correct?
A. There is a -- there's a power line on the pole that's connected to the grid. There isn't -- the
-- there isn't a power line connected to a place where I could connect into that pole.
Q. Okay.
A. Can't see it, but it's there.
Q. Okay. And you know what, if we look at the very top of that pole --
A. Right, you'll see the power.
Q. -- there's a very faint line --
A. Right.
Q. -- is that right?
A. That's the grid.
Q. So that's the grid.

But you do not have a connection to that
pole; correct?
A. That's correct.

1 Q. Have you ever had a connection to that pole?
A. I have not, no.
Q. So then how did electricity get from the

R\&D site to the grid?
A. Well, it didn't -- the reason -- you want me to explain why you're seeing what you're seeing?
8 Q. I'm --
9 A. I probably did at the site.
10
11
12 court reporter to repeat my question.
A. Okay. You'll still get the same answer, because you won't understand it if I don't do it. (The record was read as follows:
"Q. So then how did electricity get from the R\&D site to the grid?")
Q. BY MS. HEALY-GALLAGHER: That's the only

1 thing I want to know.
2 A. This pole right here is connected to the grid (indicating).
4 Q. Okay. So the first pole on the right of 5 this image is connected to the grid?
6 A. Correct.
7 Q. And how is that wire connected to where 8 the interconnect went?
9 A. The interconnect hooks on to where the transformer is from my -- from the main house from the
1 house, and there it's connected to that grid. And I
12 pull the power line, I can -- I can -- I told you I
13 can run that transformer either to the house or I can
14 run it to the grid.
15 If I ran it to the house, then this grid 16 is connected to the house.
17 Q. The first pole?
18 A. Right. And then the power goes through
19 to the house box in the -- into this circuit, and
20 that's how it's connected.
21 Q. Okay.
A. If you want me to explain why this is
here then I will.
Q. Mr. Johnson, what, if any, plans have you established with Rocky Mountain Power to connect
anything to the second pole from the right in this
2 image?
3 A. You see this transformer right here?
4 This on the pole there's a little box you're calling
(indicating) --
6 Q. I see.
A. This is called the transformer.
Q. Okay.
A. Okay. The amount of power that you can put on the grid is determined by the size of your transformer that you interconnect to the grid.

The -- the transformer that delivers
12 The -- the transformer that delivers
13 power to the house is -- is a small transformer that's
14 insufficient to carry the amount of power that I would
5 deliver when I hook the full power plant up to the 6 grid.
17 Q. Sir, I'm going to stop you again.
18 A. Okay.
MS. HEALY-GALLAGHER: Ma'am, would you
20 read back my question.
21 (The record was read as follows:

25
"Q. Mr. Johnson, what, if any, plans
have you established with Rocky
Mountain Power to connect anything to the second pole from the right in
this image?")
3 question, sir
4 THE WITNESS: Well, that's what I was
5 trying to do.
Q. BY MS. HEALY-GALLAGHER: Have you spoken with anyone at Rocky Mountain Power?
A. They're the one that put the pole in.

9 Q. Okay. What is the next step with Rocky
Mountain Power to connect that?
A. Just to put an interconnect right there.

It's all done. Power's already down to the
interconnect, all I got to do is get the interconnect
lines over there and connect it in. It's all done.
I'm paying -- I'm paying --
Q. You say, sir, it's all done -- sir, you
say it's all done?
A. Right.
Q. And you also testified earlier that you do not have permission from Rocky Mountain Power to use the interconnect. So what is the next step with Rocky Mountain Power, and what is your timeline to accomplish it?
A. Well, now you're asking me for a crystal ball. I could tell you what we've accomplished.
getting permission from Rocky Mountain Power to
interconnect?

7 A. Okay. The first thing we want to do is 8 make sure that we have the proper ability to provide the parts for the projects in sufficient quantity that
0 we can meet the deadlines that this is going to generate when we turn the power on.

And so once we turn the power on, it's
going to generate huge amounts of -- of -- it will -it will -- it will put in place huge amounts of contracts that have deadlines to produce.
16 And as soon as -- as soon as those power 17 hits the line, those deadlines come in place. And until the power lines are there, I don't have those
19 deadlines.
20 And so what happens is, is we have to 21 make sure that we can meet those deadlines without -22 without causing problems with the -- our customer base
23 and -- and putting a -- a legal burden on -- on the
24 production side.
25 We have chosen to develop -- making sure
Page 119
Q. Okay. And, sir --
A. It's a very complex -- very complex
business plan that we provided to you.
Q. What are your next steps to accomplish
getting permission from Rocky Mountain Power to interconnect?

Page 120
1 that we have developed the proper relationships, you
2 might say, with -- now with the manufacturing of our
3 -- of our different parts in sufficient quantity that
4 can meet the needs of what we're going to be doing.
5 And there's several people we have met 6 within China and India of making these parts, and we
7 have a part -- we have had shipment of those to make
8 sure that those parts are accurate and they do fit
9 within the requirements.
10 So once we have established that we have
11 the proper parts and they have guaranteed that we can
12 get delivery over certain time frames, we then can
13 finish off the interconnection to the power plant.
14 Q. Sir --
A. The law states that we interconnect to

6 that. All I have to pay them is -- is the -- is what
they call a voided energy cost. It's legal. There's
18 no -- they can't stop me from doing it.
19 And so that's not the problem. It never
20 was.
21 Q. Sir, couple quick questions.
22 A. Okay.
23 Q. Is it your testimony that you do not need
24 permission from Rocky Mountain Power to interconnect?
25 A. I -- they can't with- -- what I'm saying
is they can't withhold the permission. Once l've established that we have the -- the proper
interconnections, the proper equipment that's --
that's designed to hook up to their grids, by law,
they cannot stop me from hooking into their grid, if
there -- if there is available space on the grid.
$7 \quad$ We are at the very end of the grid. That
8 means that space is -- is all the way back to their
power line. We can drive the whole thing back to
their power line and provide power all along the
system all the way back.
12 So we're able to connect into the power
grid at the maximum capacity of that line at any time.
That's why we have it the way it is.
And so, no, they can't stop us from
interconnecting, as long as we comply with the legal
requirements that allow us to interconnect.
Q. Okay. So you are familiar with the
requirements that Rocky Mountain Power may have to interconnect with its system?
A. Yes, we are.
Q. Okay.
A. We totally are in compliance with
everything that we have.
Q. Where can I find those requirements?

Page 122
1 A. You can -- you can -- any -- any agency
2 that deals with solar energy, for example, have --
have those legal requirements. But you could put --
Q. Sir, that's not my question.
A. I don't know.
Q. Where can I find Rocky Mountain Power's requirements for interconnecting with its system?
A. You can ask Rocky Mountain Power. I don't know.
Q. Do you have a copy of their requirements?
A. Yeah, we do somewhere.
Q. Did you produce it to the United States?
A. I don't know. I -- I wasn't -- Rocky Mountain Power stuff, it wasn't ours. I'm sure you did, but I don't know what was produced and what wasn't. But we knew we had it. It was in somewhere.
It may even be in the business plan, I don't even know.
Q. All right.
A. But, yeah, you have access to it.
Q. Another question I have, sir: You say

22 you currently have contracts that would obligate you to go into full-blown production as soon as you're connected to the grid. Did I understand that correctly?

1
2 would be obligated to meet in order to release the
money to us. There's a timeframe on the releasing of
the money to us and the timeframe of which we must
start producing power.
Q. How many such contracts are outstanding?
A. I'm not sure. There are at least one or
two, but -- and they're big contractors, but they're
all -- but they're not just -- they're not -- there's
one that already has their money in escrow.
Q. Who's that?
A. I'm not sure. It's a company in -- back east. But there's -- but --
Q. I'm sorry. I'm sorry, sir. And with which entity is that contract made?
A. SOCOI -- I mean SOLCO.
Q. So SOLCOI entered a contract with a company back east you say?
A. Right.
Q. And you don't know the name of that company?
A. I do know the name, but I don't remember the names. I just don't know them. I just don't ever do that.

Page 124
1 Q. When did SOLCOI enter that contract?
stop them from exercising those contracts.
2 Q. So does that mean those three other contracts would obligate --
4 A. Yes.
5 Q. -- SOLCO, or another entity that is at your direction, to build power plants --
7 A. Yes.
8 Q. -- for these people?
9 A. Yes.
10 Q. Okay. All right.
11 So that's one company back east that
2 SOLCO has a contract with?
A. Right.
Q. What, if any, other contracts are
outstanding?
A. Well, they're not -- they're not
contracts, but they're the same way. These other
companies want -- entered into the same kind of a contract that this group has.
20 Q. How many other companies?
21 A. Well, the ones we've talked to are the --
22 Q. No, sir. I'm not interested in who you talked to.
24 What other companies have entered contracts?

10 (The lunch break was taken from
11 12:25 p.m. until 1:31 p.m.)
(Exhibit 510 was marked for identification.)
MS. HEALY-GALLAGHER: We'll go back on the record, please.
Q. All right. Mr. Johnson, we're back on the record after a lunch break.
17 Did you talk to anyone about the facts of 18 this case while you were on break?
A. Nope, I didn't.

20 Q. Are there any answers from this morning 21 that you would like to change or amplify?
22 A. No.
23 Q. Okay. All right.
First a revisit to XSun Energy real quick
$24 \quad$ First a revisit to X
A. Well, they haven't actually entered the contracts. What l'm saying, they want to enter into he same contract.
Q. Okay. So the only company that has a

19 A. Nope, I didn't.

1 A. Okay.
2 Q. Just take a look through there and let me know when you're finished.
4 While you're looking, for the record, the 5 Bates for Exhibit 510 are Ra3005695through 5714.
A. Okay.

7 Q. Mr. Johnson, do you recognize Plaintiff's 8 Exhibit510?
9 A. Well, yeah, I guess I recognize the 10 contracts.
Q. The contracts.

12 And these are contracts between a Rick
13 Rowe and XSun Energy; correct?
14 A. Yes. I -- I didn't -- I didn't sell
15 this. I signed the contracts, but I wasn't the seller.
17 Q. Okay. Well, let's --
A. I don't know who this guy is, actually.
Q. Well, let's take a look at the page
that's Bates marked Ra35698.
A. Right.
Q. Under the line there for XSun Energy, seller, is that your signature?
A. It is.
Q. All right. As the manager of XSun

Page 126

Energy; correct?
A. That's correct.
Q. Okay. And is Plaintiff's Exhibit510 a
true and correct copy of documents you produced to the United States?
A. Is it what again?
Q. A true and correct -- does it appear to
be a true and correct copy of --
A. Oh, yes.

0 Q. -- documents from your records that you produced to the United States?
A. Yes, uh-huh.
Q. Okay. Mr. Johnson, where did you get your understanding that Rocky Mountain Power must allow you to interconnect and put power on the grid?
A. I think it's either state law or federal
law, but I think it was under Clinton administration is where the original solar energy laws were enacted.
9 And from my recollection, and I think they made it illegal for -- to block, I think, the transmission of renewable energy, I think, under the Clinton admin. I'm not positive, but I think that's true.
Q. Do you have any understanding of whether someone has to agree to purchase the power before it can be placed on the grid?

1 A. Well, there's two ways that -- that that 2 happens. One is what they call the energy -- the void 3 energy amount that they can pay. I'm not sure that's the right word. Avoided energy cost, is what they call it.
And with that they -- they can -- as long as -- as you're willing to pay them power at the avoided energy cost, then they -- they have to then, I
9 think, take the power. As long as the -- as long as
10 there's -- the line is able to take that much power.
11 The other part of the Clinton
12 administration, I believe, is that if you have an
13 agreement with a -- the government, United States
14 Government must buy renewable energy power if it's
15 within a certain price of the power that they're
16 buying on the regular price on the regular production
17 of the price of regular power.
18 They -- it can be a little bit above
19 that, I think, but I know that if it's equal, then the
20 United States Government has to buy that power if
they're using that -- if they're using the power that
you're -- if it's available to them.
And you do have to then get a signature or some kind of authorization from the government then to -- that authorizes you to -- to do that process.

Page 130
1
2 to. The government -- the government itself must buy renewable energy, and it came under the Clinton administration, I think.
Q. And, Mr. Johnson, it's correct that any agreement to buy -- there must be an actual agreement to buy the power; correct?
A. Right. But it can't be -- as long as you're within the price range.
Q. Let me just stop you there. I just -- I want to be clear that there has to be a contract --
A. Yes, right.
Q. -- for another person or entity to buy power that you might generate, for example.
A. Right. But it -- but the contract isn't like a regular contract where -- where you're asking a person to sign it and they have the right to turn it down, see.
Q. Nonetheless, Mr. Johnson, there must be a contract?
A. Right. But --
Q. Yes. Okay.
A. But you have to understand that it's not a regular contract.
Q. But there must be --
Q. So is the answer no?
A. No, it's not no. It's just I don't know.
Q. You don't know?
A. Right.
Q. Okay. So for any of the entities over which you exercise decision-making authority, you don't know if any of those entities have power purchase agreements?
A. No. There may be one that does, and I don't know if I do or not because we -- we went through the process -- but it's been a long time ago -- of acquiring a Power Purchase Agreement. Whether or not that went through and when it was signed or whether it wasn't signed, I don't -- I don't really

Page 132
know.
2 Q. Who would have signed that contract?
3 A. Well, I would have done, but I don't
remember whether I did or whether I didn't. But we
did go through the process of doing that.
But -- but let me -- let me rephrase that
6
7 one question on that contract.
8 There are what they call -- and you saw that in that other document -- people that -- that buy and sell power for the grid. And I'm trying to think of what they're -- they're called. But -- excuse me.
Q. Excuse us.
A. They're -- but -- but you don't have to
have a contract to -- to -- with an individual to sell
power on the grid. It goes through what they call a scheduler, and if -- and the lowest price, they accept the lowest price bid at the time to bid.
Q. So I'm going to stop you there.

Mr. Johnson, do you have any agreements in place, whether with you or any of the entities that you exercise decision-making control over, are there any agreements in place to sell energy?
A. Yes. That's what I'm trying to get at.

We have --
Q. Yes or no, sir?

Page 135
1 A. We have an agreement --
2 Q. Or I don't know. Those are the three 3 answers: Yes, no, I don't know.
4 A. We have an agreement with the people that 5 -- that buy -- that operate the lines to schedule the 6 power.
7 Q. Who is that?
8 A. They have agreed that we can -- that they 9 will buy our power if it goes a certain point below 10 what the other power is scheduled in.
11 Q. Sir, who is that?
12 A. I'm not -- I don't know the name, but
3 it's -- it's -- we can get it. It's -- you have it.
Q. Which entity has an agreement with these schedulers?
A. Well, all -- all of them do that sell
power. So LTB would, and so --
Q. Are any of these -- I'm sorry, sir. Are any of these agreements in writing?
A. Yeah, I'm sure there are, yeah.
Q. Where are they in your production? Did you produce them to the United States?
A. I would imagine that you got all the papers we had, and that would have been part of those papers that you would have got. But what it is is the
age 134
scheduling people and we have -- we have -- we have
the -- of the way -- of the way to do it and how to schedule it in.
Q. Mr. Johnson, I'll represent to you that we did not receive any such documents.
A. Well, then we'll see -- we'll find it.
Q. We'll include that in a request to your
attorney after this deposition to produce those
documents to the United States.
A. Okay.
Q. I'm going to come back around and we're going to take another look at some of the video clips here.
A. Okay. Can you get by me?
Q. You're fine. Thank you.

Okay. So we are taking a look at video
12_4_38-5_15.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Okay. I've paused the video at timestamp 13:2:39.

Mr. Johnson, what we're looking at here, right, is a set of towers on the R\&D site; correct?
A. That's correct.
Q. And it's my understanding that you
invented the -- the design of this system on the site;
is that right?
A. That's correct.

3 Q. Okay. Did anyone help you invent this
item?
A. I don't know exactly what you mean by "help."
Q. Did you collaborate with anyone as you were inventing this system?
A. Again, I'm not -- I'm not entirely sure
what you mean by "collaborate." As far as the
technical part of it, the actual science behind the
system and the implementation of how it will be
13 implemented and the characteristics of the design, I
14 did by myself, you know, designed it.
15 I did not -- I did not build every one of
16 those pieces. I had people to help me, you know, weld
7 the towers together, put things together. But the
8 design, the technology, the -- the intellectual
19 property was all done by me.
20 Q. Okay. Who or what entity did construct
21 these towers on the R\&D site?
22 A. That would have been -- I don't know.
3 Could have been Rob -- just another -- probably could
24 have been International Automated Systems, I think. 25 IAS at the time constructed the towers?
A. I think they're the entity that paid -paid for the construction of the towers, I think. I'm not positive, but I think that's who it was.
Q. So --
A. This could have been done earlier than that even, I don't know, but I think it's the timeframe.
Q. Since these towers were built, which entity operates and maintains the towers?
A. Right now the ones that do it are -- is
-- is the -- so, what is it called? Cobblestone
Center.
Q. When did Cobblestone Center start operating and maintaining?
A. Sure. I can't remember when it was

21 started, but I think it was right around 2010 or 2011, but I can't be sure.
Q. And before that was IAS operating and maintaining the towers?
A. Yes. I think they were, yes.

1 Q. During the time that IAS was operating and maintaining the lenses -- I mean -- I'm sorry, the towers -- was IAS also responsible for installing the lenses?
this. So IAS was operating as a contractor under my
employment to do that -- to do that work.
Q. To do what work?
A. To do the work of installing and operation and -- and whatever there was. So l'm -I'm not positive, but I think what was happening is I -- I provided the money and the capital directly to them, bought their -- bought them to -- paid them to -- to do the work, actually, as a separate contractor. So I'm not sure exactly how that
relationship fits, but I think that's -- that's how I -- that's how I did it.

So it would have been me, I guess, in a
way that put those -- that had them put up, because it
would have been my -- you know, under my capital, I think.
7 Q. And who --
8 A. I'd have to go back and look at the, you
know, the records, but I -- I'm not sure exactly that relationship, but I think that's what we're...
Q. Okay. So what -- why did Cobblestone take over from IAS?
A. Well, it was a business decision that I made, and there's a considerable amount of liability that goes with the construction companies, and I just didn't feel like that it would -- it would be detrimental to International Automated Systems to be involved in the construction of this project because of the -- of the liability that it incurred on a -- on a construction site.

And so because of that we decided that it would better -- better off to avoid International Automated Systems to protect the intellectual property from -- from a dangerous situation that didn't need to -- didn't need to exist.

1 Q. And who is it that pays Cobblestone to operate and maintain the towers and lenses?
3 A. That would be whoever -- whoever is
selling the product, that they would contract with
5 Cobblestone and to -- to do the work. And so they
6 would be paid either by RaPower, Solstice, or any
7 other entity that is buying -- buying the actual
8 sales, selling equipment.
9 Q. So it's your testimony, sir, that the marketing entities for the lenses pay for Cobblestone to operate and maintain the R\&D site?
A. They -- they pay to have the construction work done. There's nothing that they operate right
now. They're -- mostly it's just construction
and -- and that kind of entity.
The R\&D side of it is paid out of, you
know, out of some of the same stuff now. It was paid
out by International Automated Systems.
Q. When did IAS stop paying for it?
A. I'm not sure exactly, but I-- it's 2010, 2011, '12 range, I don't know.
Q. Okay. All right.

So, sir, I believe I have an
understanding of how the system works generally, so
I'm going to walk through it and ask you whether to
Page 140
agree or disagree or let me know if l'm off base.
So we're still looking at timestamp
13:2:39. And what I see here is that there are lenses installed on towers.

Do you agree?
A. Yes.
Q. Okay. And the idea is that the sunlight will hit the lens and then be directed down to a
concentrator; is that right?
A. That's correct.
Q. And we see a -- a concentrator right in the middle of the pole that's in the middle of the view; correct?
A. Correct.
Q. The concentrator basically concentrates the sunlight from the lenses that are above it; right?
A. Well, it -- no. This particular
concentrator is -- is designed for a test on -- on a different subject.
Q. Okay. But what I'm asking, the purpose
of the concentrator, sir --
A. You're not going to get --
Q. Hang on.

The purpose of the concentrator is to
collect -- to receive and collect the sunlight that
passes through the lenses; is that right?
2 A. Well, the concentrator is the lens themselves.
4 Q. Okay. So then --
5 A. This is the receiver.
6 Q. Okay. So then that item right in the 7 middle of the pole in the middle of the view is a receiver?
9 A. Right.
10 Q. Okay.
A. Just like the -- would be like a mirror
focusing. So the concentrator would be the mirror,
and this is a lens, which would focus the light on
that point.
Q. Okay. Onto the receiver?
A. Right.
Q. And in the receiver there -- the idea is that there is a heat transfer fluid that is heated up by the concentrated rays of the sun; is that right?
A. That's correct.
Q. Then the idea is that that heat transfer fluid would flow through pipes to some collection point --
A. Correct.
Q. -- correct? Okay.

## The collection point is what? The heat

 exchanger or a storage tank?A. The collection of the -- of the heat coming off the tower?
Q. Right. But where does the heat transfer fluid go?

8 Q. Heat exchanger?
9 A. And then the heat exchanger exchanges the heat derived from the tower into a -- into the working fluid, such as water.
Q. Well, the heat transfer fluid ends up in the heat exchanger; right?
A. Exactly.
Q. And then the idea is that the heat from
the heat transfer fluid heats up water?
A. Correct.
Q. Turns it into steam?
A. Turns it into hot water under pressure.
Q. Okay.
A. And that's very important. It's a difference between being able to use salt water rather than perfectly chemically treated water that's -- that doesn't have any particles in it, you know. So...
Q. Okay. So the -- the heat transfer fluid
transfers its heat to hot water under pressure?
A. Right.
Q. Which then turns the turbine?
A. Okay. The hot water then goes into the turbine and is a liquid all the way through to the rocket engines, rocket nozzles, okay. And then that is where the energy is -- is transferred into a motion by the expansion of the steam through the rocket nozzles.
three-phase motor will turn into a generator if you -if you put more energy into it, it will push the motor into a phase change which creates then the -- a backward flow on the electricity back on the line.

But the advantage -- let me just tell
you, the advantage of this system is -- and it's very
critical that you understand this -- because what
happens is, is when you turn on my turbines with the motor running, it automatically syncs to the line.
10 That syncing process normally requires an
1 individual to be there when you turn the turbine on to
12 make sure that you're sync -- on a regular generator
13 to sync to the line, and by doing the electric motor I
eliminate that person.
Now, I have an electric motor that goes
up to the speed of the line, and then I hit the
turbine with the hot -- hot water with the energy in
it, and that forces a phase change in the system to 9 drive electricity back on the line.
Q. I'm going to stop you there. I'm going to stop you there.
A. Did you understand that?
Q. Okay. I'm going to stop you there.

First off, when we visited on April 4th, the turbine was not on the R\&D site; correct?
plant; correct?
A. Right, correct.

5 Q. So the turbine was not hooked into this system at all?
A. Correct.
Q. Okay. And I have some questions here.

So, Mr. Johnson, in this view that we see again at timestamp 13:2:39, I do not see any piping 10 coming off of these towers.
A. Yeah, you see it right here. You see all these little pipes that go right here (indicating).
Q. Okay.
A. Up to -- up there (indicating).
Q. I see.

So right next to the --
A. Across the top there, down -- down across 18 here, and then you see the piping right here across 19 these is all connected in.
Q. Okay. So is the piping that's visible on this video, is that piping connected to the heat exchanger?
A. Yes.
Q. Okay. Where can we see that?

Page 146 2 the ground. Goes into the trailer.
$3 \quad$ Q. Where does it go into the trailer?
4 A. Goes into the -- into the -- remember the
trailer was -- not the other heat exchanger, but the
other trailer next to it. It goes into those heat
exchangers or those heat exchangers from the solar fields.
Q. So we saw earlier a video of one of the heat exchangers.
A. Well --
Q. I can show you again if you want.
A. But that was the heat exchanger that -that eliminated -- that heat exchanger is very unique.
Q. Sir, that had one of the heat exchangers.

Are you telling me there's another heat exchanger on the R\&D site?
A. There's probably ten.
Q. And where are those?
A. In those -- in those two big containers
right there, and the trailers (indicating).
Q. So you're telling me, sir, that the
piping from these towers --
A. See that white --
Q. -- is -- hang on.
A. See that white? See that? That's all insulated with that special insulation that is brand new, comes out of Turkey. And that is really high -really a high valued heat -- insulator, but it's not water soluble and it doesn't collect water.
$6 \quad$ Q. What -- what is that style of insulation?
7 A. It's a brand new -- it's -- you saw that whole stack in there when you went down, I think.
9 Q. What's the brand name?
A. I don't know. But you -- there's a whole 1 -- I bought a whole bunch, because I thought there was going to be a war in there, so I bought a whole bunch 3 to do a thousand projects, you know. But -- but I
14 wouldn't get it -- so I bought it because the
5 advantage of this, it's a --
16 Q. I'm going to stop you there. That's fine.
A. And it doesn't absorb water.
Q. What kind of piping do you use?
A. Just regular pipe. We just cover it with this insulation.
Q. What is the piping made of?
A. Just steel. Just steel pipe.
Q. What kind of heat loss do you see when running the heat transfer fluid through those pipes?

Page 148
1 A. I'd have to -- it's, like, point -- it's
a factor about 40 of 22 or 44 , but it's about .00 BTUs per pound per square foot, or something like that. 4 It's really high.
Q. Have you always used steel piping?
A. Yeah, I think so.
Q. Have you considered using other kinds of
piping in the past?
A. Yeah, we have. We've tested a lot of
piping, but none of them -- none of it measured up to
-- to what the specs we wanted and the cost, so we went back to steel.
13 Q. When did you try out other kinds of 14 piping?
15 A. Since 2004. 2000 and -- 2002 -- the
16 turbine itself has been operating since --
17 Q. I'm asking about the piping.
18 A. Well, I know, but the piping that we 19 deliver the fluid is we tested it through all those
20 years, plus we've been testing it later on. We wanted
21 to see that -- you have different -- different
22 characteristics.
23 For example, if you want to use molten
24 salt in that field you'd have to -- you'd have to --
25 you'd have to have a coating on inside of the pipe,
but you could use thin wall pipe.
2 If we want to use water in the system
3 then we have to use Schedule 80 piping in -- in -- for the pipe.
5
6 Schedule 80, because we didn't know exactly what fluid
7 we were going to use, so we used the highest --
8 highest pressurized piping that we could that would
9 deliver -- would hold in at 2500 PSI. We didn't know
10 whether we could use water, whether we couldn't, see.
11 Q. So have you changed the piping based on
2 the heat transfer fluid that you have tried in the past?
A. We -- we have done and tested it out on different towers, but mainly we kept the same one because there's no sense replacing something. But we did test different things and see how much -- how much change would take place.

And then we have it taken to the
laboratory and put a laboratory test on the piping, and then they would grade that out, and then they would -- they would then tell us over how much time they could extrapolate that testing out to see how much -- how much molten salt would last on a particular type of piping. And of course oil is --

Page 150
doesn't have that problem at all.
Q. Do you have any records of the different tests that have been performed on the piping and heat transfer fluids?
A. No, but we did them. So...
Q. Where did you do the testing?
A. People that made the pipe, we did it --
we used their testing and said what -- this is what
we're using, what can we expect.
Q. Who are those people?
A. The people that make the different grades
of pipe. And so we used their testing on various types of piping.
Q. And who are those people who make the pipe?
A. I don't know. I just -- same thing. I can't remember those people, you know. I don't remember their names but...
Q. What company?
A. I don't remember the companies. There's several companies that do this so -- that do different types of grades of pipe.
Q. How do you know where to buy more pipes from?
A. Well, I can look back and see where I
looked up, you know, that's not a problem. But I just don't -- I just don't have it in my fingertips.
Q. So the information about who made the pipes is in your records?
5 A. Well, it's somewhere in my -- where I can 6 look it up in my computer. And when I see it, I know who I talked to.
8 Q. And if that information is not in the documents that you produced to the United States, will you produce that information?
1 A. Well, I just look it up on the Internet and I could tell who I talk -- I can see and remember 3 who I talked to.
14 Q. So it's not in your records, you just 5 look it up on the Internet?
A. Right, that's all -- that's all I've ever done.
Q. Let's talk about heat transfer fluid.
A. Okay.
Q. You talked about molten salt, you talked about a high temperature oil you used in Mesquite, Nevada, you talked about a different high temperature oil other than the kind you used in Mesquite, Nevada, you talked about water, and you talked about a liquid metal that you had tried out as heat transfer

1 fluids --
2 A. Right.
3 Q. -- in this system?
4 A. Right.
5 Q. Are there any other heat transfer fluids 6 that you've used?
7 A. We used sulfuric acid to see what kind of 8 reaction I would get when you use -- when you put 9 sulfuric acid into a concentrate sulfuric acid.
10 Q. And --
A. And see what happens.
Q. Let me make sure I'm being clear.

I mean heat transfer fluids that have
14 actually been used on the R\&D site. I don't mean ones 5 that you have tested right now.
16 A. Well, they've all been tested on the
17 tower. It's the only way you could do it. I don't
18 have any other way of testing.
19 Q. Do you have records of having conducted 20 those tests?
21 A. I don't keep those kind of records. I
22 don't -- I don't keep any records.
23 Q. Do you have any data resulting from those
24 tests?
25 A. I don't even have any records that show
that I -- that I used to get the patents with.
Q. So the answer is no?
3 A. No, I don't -- I don't do it. I don't
have to.
Q. So you mentioned that the high
temperature oil in Mesquite coagulated?
A. Right.
Q. What -- when did you realize you did not
want to use the high temperature oil you used in
Mesquite?
A. We'd used that system since 2002, is when
we built the system that we used in Mesquite, and over
-- over that period of time that we had used that
system --
Q. Sir, that's not my question.
When did you stop -- when did you decide
to stop using the high temperature oil that you used
in Mesquite?
A. That's what I'm trying to arrive at.
See, in my thinking I'm trying to get a timeline. I'm
just thinking out loud to arrive at your question.
I mean, I can think about the same thing
without speaking, but it's -- you wouldn't see the
process and make it easier for you to understand.
So what we did is we used --
1 Q. Sir, I just want the answer.
2 A. Up until 2000 -- I'm just trying to think
3 -- 2005 we went to Mesquite, and when I brought the
4 system home from 2005 from Mesquite, I couldn't get
5 the -- the system to pump through the system.
6 And so that's when we took the system
down and cleaned the system out, and we found out that
the -- the oil, that it had started to coagulate
inside the -- inside some of the heat exchangers, and
so that would have been about 2005-2006.
Q. What did you try next as a heat transfer
fluid?
A. Well, that's when we decided -- we went
to a molten salt system, and then we went to a water
system after -- in between that.
Q. Wait.

In between what?
A. Well, we tried the molten salt and then
we tried water, and that's why I put the -- the 80 --
Schedule 80 piping, is because we were -- we wanted to get a variety of testing.

There's -- there's plus and minuses to
everything that you do
Q. Right. I'll ask you about that in a second.

1 2 tried molten salt before you switched to water? When did you stop using molten salt?
A. I don't think there was an exact time difference. We were interchanging different ways of doing things, so we would put one in and test it and change it back and forth to see what kind of problems 8 we'd have with water against molten salt or -- or 9 another type of oil.
10 Q. So when did you try water?
A. Same -- after -- well, it was before two -- we tried it before and after 2000 -- we tried water all the way through, as well as oil, from 2000 and -we actually started the water in 2001 and 2002, so then we went to an oil.
Q. Real quick, sir, have you ever used water as the heat transfer fluid in the system using your solar lenses to generate electricity?
A. Yes.
Q. When?
A. After 2006.
Q. When after 2006?
A. I don't know. It was just during that period of time we were testing a variety of things, and so we would have used -- we used water, we used

Page 156
oil, we used molten salt.
2 3 water in case that would have been a good way to go.
$4 \quad$ Q. And let me ask you this: When you say
5 yes you generated electricity, how do you know you
6 generated electricity using water as the heat transfer fluid?
8 A. Okay. We just use meters. It's easy to 9 do.
10 Q. You used meters where?
11
12
14 exchanger and the system has gone through the turbine 5 to generate electricity?
A. Well, yeah, there's advantages to using water over another fluid.
Q. Sir, that's my question.

Is that correct?
A. Well, that's partially correct, but your understanding is not clear.
Q. So there was a meter at the generator stage; correct?
A. Yeah, you put a meter on to generate power.

1 Q. So did any of the electricity that you
2 say was generated by using water as a heat transfer 3 fluid, did that ever end up powering anything?
4 A. Yeah, we turned the lights on. In
5 fact --
Q. What lights?

7 A. Well, if you see the back of my
8 trailer --
9 Q. Sir, what lights?
10 A. That's what I'm trying to tell you.
On the door of those trailers that you
saw, you had a whole bank of these lights that you had
on there, and I burned them all out. I turned them,
lit up the whole valley, and then I didn't have it
regulated properly and it put out too much power and it burned them all out.
17 Q. Has water, as the heat transfer fluid,
18 ever powered anything other than those lights on your trailer?
A. No.
Q. Did the high temperature oil, as a heat
transfer fluid that you used in Mesquite, Nevada --
well, I'll withdraw that.
Have you stopped using water as a heat
transfer fluid?
Page 158

1
2 The problem is is your collection process. And in
3 order to do -- in order to do it one way, you limit
4 your -- you limit your square footage of your -- of
5 your -- of your heat exchanger of the collector on
your -- on your towers.
7 So by using water, and then you have to -- you have to cover the pipes in a -- in a glass tube
to prevent them from pushing the heat back out into
0 the area, and it -- and also losing it on the infrared side.

And so, yeah, we've done that, and we were looking at it again to eliminate the problems I have with molten salt, and the temperature I have to regulate temperature on -- on the -- on the oil.
Q. All right. Sir, I'm going to stop you there. I'm going to stop you there.
A. With water I can lose -- I can lose a little bit of flow and the temperature could rise rapidly, and I still don't have a bad effect. And molten salt works the same way.
Q. I'm going to stop you there, sir, because I have other questions.
A. If the oil goes high, you lose it.
Q. I'm going to cut you off. Now we're --

1 A. Just trying to get you to understand.
A. Well, if you use a hybrid system, you
want -- you want 24 hours a day, you have to have --
Q. Sir, I'm going to redirect your focus here.

What I am talking about is the heat
transfer fluid that's in this receiver right here
(indicating).
A. I'm not confused on what you're saying.

You're confused on the power.
Q. Okay.

Page 160
1 A. On the -- on -- on your power plant, you're talking about -- you're talking about the power plant itself.
Q. I'm talking about this right here, sir (indicating).
A. Yeah, but when you change --
Q. That's what I'm talking about.

Is that molten salt -- was that molten
salt on April 4th? Was that molten salt in there?
A. No. There was oil in there.
Q. There was oil in there on April 4th?
A. Uh-huh.
Q. Where was the molten salt?
A. The molten salt, you see -- you have to have --
Q. Sir, where was the molten salt on site on April 4th?
A. It was in the -- in the -- in the other side of the total power plant is a combination of solar, and on this one is natural gas or propane, actually.

So you're talking about -- if you're
talking -- if you -- the problem is you get confused
on one tower. The tower is the -- in the power plant.
Q. So on a -- on different towers is there
different heat transfer fluid going through the pipes?
A. There could be, but there isn't. Not on
this -- not now. But there could have been. We had
them that way to check out which would be the best.
5 Q. Okay. When did you have it that way?
When did you try out different heat transfer fluids on --
8 A. I don't know. Over the past years, we change it around to see if l've overlooked something.
Q. Have you decided on a heat transfer fluid to move forward with this project?
A. Yes. We're just -- we just -- we just

13 found out that we can lower the temperature and keep
14 the oil running in a -- by -- by lowering the
5 temperature of the speed and the size of the piping.
16 Q. I'm going to stop you there. I'm going 7 to stop you there.
18 What have you decided on as your heat transfer fluid to go through the receiver?
A. Well, we're probably going to use an oil. But the problem is --
Q. What oil, sir? What oil?
A. Just a heat -- a heat -- something that could take a temperature right around 700 degrees.
Q. What kind of oil?

1 A. Well, it's a synthetic oil that we use.
2 Q. What's the brand name?
3 A. I don't know.
4 Q. Where do you get it?
5 A. I just -- we just buy it and we get it
6 in. We -- they just -- we just get it and ship it in.
7 Q. From whom?
8 A. Just some oil company that -- that --
9 that has a really nice oil and seemed like it works, but we don't -- I don't know the name.
Q. When did you decide on oil as your heat transfer fluid moving forward?
A. We haven't decided. We tested a whole 4 bunch of variety of things.
15 Q. So, sir, I'm going to stop you there.
So you have not decided on oil as your
17 heat transfer fluid for moving forward with this
18 project. Isn't that right?
19 A. It's like saying to an automobile
20 manufacturer what kind of coolant are you going to put
21 in your radiator? Water, and I'm going to use Xerox,
22 and then I'm going to use some other fluid.
23
When are you going to decide which one
24 you're going to use, Xerox or the other fluid?
25
Tell me, how -- how is that relevant

1 to -- whether or not which oil I use, as long as it is
2 a qualified oil, and I may change my mind on the 3 company just because of price.
4 Q. Sir, new question for you: How many 5 turbines have you built?
6 A. I don't know. We've got 20 bodies back
7 there. I don't know.
8 Q. Where are they?
9 A. Back in that room there.
10 Q. What room?
A. In the storage room where we -- you saw
the -- saw the -- the -- the lenses and the -- and the insulation.
Q. At the manufacturing facility?
A. Uh-huh.
Q. Yes?
A. Yes. We got a lot of them out there.

I've thrown away a few. Froze a few. Left water in them and froze up.
Q. How many turbines are operational currently?
A. I don't know. We got one -- I know of one, two -- maybe ten, I don't know. Five or ten.
Q. Five or ten you think?
A. Yeah. They're easy to build. They're

1 not hard, yeah. We got 20 ready to put together, ten or 20.
Q. Mr. Johnson, have lenses on the R\&D site ever generated electricity for the house that is on site?
6 A. Yes.
7 Q. When?
8 A. Just whenever I choose to. Just whenever I want to test it, I test it out.
10 Q. When did that first happen?
11 A. 2006, probably. 2007. I don't know.
12 Q. And about how many times would you say
3 you've done that since 2006?
14 A. Hundred times. I don't know.
15 Q. Hundred times?
16 A. Yeah.
17 Q. Do you have any records of having done so?
A. Nope.
Q. No?
A. No.
Q. Do you have any data for those attempts?
A. No.
Q. Well, was anyone else around to see what you had done?

1 A. No. I just turn them on on weekend.
2 Q. No?
3 A. No. I just turn them on on weekend and
4 test things out to see whether or not something's
5 working the way I want it to work and what kind of
changes I might have to make just to gear sizes on the
generator, what kind of RPMs I'm going to get.
Q. Thank you, sir. That answers my
question.
A. Okay.
Q. Did anyone -- has anyone ever paid for
the electricity that you purport to have provided to that house?
A. No.
Q. Has anyone ever paid for electricity that you claim was generated by lenses at the R\&D site?
A. No.
Q. No?
A. No.
Q. Please be -- did you get it?
A. No.

Did you get that? No, I'm sorry. I'm
facing the wrong direction, I'm sorry. Just tell me
to get over and speak up, or whatever you need.
Q. Has -- have the lenses been used in any

Page 166
1 system that has generated heat?
2 A. I don't know what you mean by that. I am 3 totally confused by what -- what that is. What are 4 you -- what are you talking about?
5 Q. Well, we saw earlier that these lenses 6 burnt a two-by-four piece of wood; right?
7 A. Right.
8 Q. So the lenses generate heat?
9 A. Right.
10 Q. Right.
11 Has anyone ever paid for that heat that
12 the lenses generate?
13 A. Yeah, the R\&D.
14 Q. Who?
15 A. Myself.
16 Q. Who has paid for the heat?
17 A. Me.
18 Q. Who have you --
19 A. Individually. I pay for the R\&D work to 20 be done.
21 Q. Who did you pay for the heat generated 22 by --
23 A. International Automated Systems.
24 Q. Sir, let me finish the question.
25 A. Okay.

1 Q. Who did you pay for the heat that was generated by those lenses?
A. Okay. So I paid for the heat so that I can do R\&D on a project. So if I'm -- I'm developing 5 a new -- a new system, okay, and I -- I hire people to 6 work for me to work so that we can develop a new 7 patent and new technology, that's called research and 8 development.
$9 \quad$ So I pay for all the research and development that went into that to get my patents, and so I paid for the generation of the heat to develop
2 all -- see how all these other projects were going to
13 fit together and the turbine would work, and would it
14 generate electricity, what kind of fluid I would need
15 to use. All of that has to be paid for.
16 Q. Okay. Sir, I'm going to stop you there.

1 for them to get the -- to -- for me to use that, they
2 entered a contract, and that contract tells me I have 3 the right to use that in an $\mathrm{R} \& \mathrm{D}$ situation.
4 MS. HEALY-GALLAGHER: Object to the
5 responsiveness of the answer after "no."
6 THE WITNESS: Well, you said -- you asked me the question.
8 Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, have the lenses in the towers ever been used to heat 10 or cool a structure?
11 A. Yeah.
Q. What structure?
A. Those -- those built -- those things out
there that hold molten salt have to be heated in order
to -- to keep the molten salt from -- from -- from, you know...
Q. So the trailers on the R\&D site?
A. Uh-huh, yeah.
Q. Yes?
A. Yes.
Q. Has anyone paid for those trailers to be heated by warmth from the lenses?
23 A. Mr. Johnson has paid, bought all the
24 heat, and for the process of R\&D, so, yes.
25 Q. Who did you pay for that heat?
A. I paid the workers that work for me, International Automated Systems, and they did -- they
paid for the people to work on my research and development.
Q. Did you ever pay the owner of any lens
for the heat that was generated for the trailers?
A. I'm not responsible to pay anything to
anybody.
Q. Sir --
A. I don't have a contract to pay anything.
Q. -- yes or no?
A. I didn't directly pay, but through the
contract, they got paid.
MS. HEALY-GALLAGHER: Object to the responsiveness after "no."

THE WITNESS: Okay. If that's the way you want to be.
Q. BY MS. HEALY-GALLAGHER: Have any lenses on the R\&D site been used to provide hot water in a structure?
A. Yes.
Q. What structure?
A. Same ones. That's all hot water out
there and they -- we changed it to -- we did it for
the structures --
Page 170
1 Q. Excuse me, sir.
A. They go in the heat exchangers, and the heat exchangers produce hot water for me then to run through the pipes to -- to melt the -- the molten salt.
Q. Okay. So when you say they're being used to generate hot water, they are -- they are being used in the heat exchanger -- the hot water is used inside the heat exchanger; is that right?
A. It's still a structure.
Q. Is that your testimony?
A. Yes. It is a structure.
Q. Any other hot water generated by the lenses?
A. I don't know. I may want hot water to wash my hands with, I guess, if that's what you're saying.
Q. Have you ever done that, sir?
A. Yes, I have.
Q. When?
A. All the time if I wanted hot water out there, that's how I got it.

1 Q. If you wanted hot water out on the R\&D site, what did you do?
3 A. Run it through one of my lenses and heat 4 it up. It's not hard to do.
5 Q. Did you pay anyone for that hot water?
6 A. I paid for the R\&D, yes, I did. So I
7 paid it. Whether -- whether or not anybody else paid
8 what they -- what they obligated to pay is not the
9 issue. It's me. You're talking to me as Neldon Johnson. I did the R\&D. I paid the right -- I paid
for people to give me this stuff through contracts. I paid people money to work on that project, which is R\&D.
Q. Sir, did you pay --
A. And that's what I did.
Q. Did you pay --
A. Yes.
Q. -- the owner of any lens for the hot water that their lens generated for you?
A. I don't have a contract to pay that.
Q. Yes or no, sir?
A. No. As Neldon Johnson, I don't own -- I
don't have any responsibility to pay anybody but for the R\&D site of this thing.
Q. So the answer is no, sir. Isn't that

Page 172

## correct?

A. So the answer is that I did not pay directly to anybody, no.
Q. Okay. For any of the entities for which you make decisions, have any of those entities ever paid a customer for the use of their lens?
A. Well, in the terms -- in terms of
payment, we -- we have a contract that they -- they --
that obligates them.
Q. Sir --
A. So when they buy the contract --
Q. -- that's nonresponsive. I object to the responsiveness of the answer, sir.

Have any of your entities paid money to
the owner of any lens for the use of their lens to
generate any product? Yes or no?
A. Not that I know of. Not that I know, no.
Q. Not that you know of.
A. No. The contract is -- the contract is
such that we don't pay it until certain things get
done, so it's not -- we're not violating any contracts.
Q. Have you, Mr. Johnson, paid the owner of any lens for any purified water that their lens generated?

1 A. No.
2 Q. Has any entity under your control ever 3 paid the owner of any lens for purified water that 4 their lens generated?
5 A. No.
6 Q. Mr. Johnson, I'm handing you what's been 7 marked already as Plaintiff's Exhibit 16 -- oh, that's
8 two copies. Actually, I can take that back. I'll
9 take back one of those copies.
10 A. Oh, sorry.
11 Q. And I'm also handing you what's
previously been marked Plaintiff's Exhibit 17.
Just take a quick look at Plaintiff's
Exhibit 16 and 17.
A. Okay.
Q. And let me know when you're ready.
A. Okay. What did you want me to do?
Q. Do you recognize, sir, Plaintiff's

Exhibit 16 and $17 ?$
A. I think I've seen them before.
Q. What are they?
A. One's a new Solar Breakthrough and May

Compete With Gas, the other one is an IAUS Technical
Overview.
Q. All right. And do you recognize these

Page 174
documents?
2 A. As far as I know, yeah. I mean, I'd have 3 to read them carefully, but I think I probably wrote them.
5 Q. Okay. You think you wrote these papers, sir?
7 A. Oh, yeah, I think so.
8 Q. Are these the white papers that you've
been -- we've talked about earlier today?
A. No. The white papers would be written by someone else.
Q. And do you have any idea whether you produced the white papers written by others to the United States?
A. As far as I know that you -- yeah, you would have these documents.
Q. No. The white papers written by others?
A. Yes. As far as I know you did, yeah. assume you did. Attorneys had them. So...
Q. So, Mr. Johnson, it's your testimony that you wrote Plaintiff's Exhibit 16?
A. Yes.
Q. And you wrote Plaintiff's Exhibit 17?
A. I think so.
Q. Well, take a look.

1 A. Well, I don't -- I-- okay. This is part 2 -- this is partly the white papers. This was a white paper. I didn't -- I didn't write these. This is the 4 white paper on the lenses, and this is the analysis
5 made by the optical engineer who wrote this, who gave 6 that.
$7 \quad$ Q. All right. Let's -- let's --
8 A. So then this is the efficiency of the radius of the lenses --
10 Q. Okay. So hang on.
11 A. -- that shows that we're within those
12 limits.
13 Q. I'm going to slow us down so that we're
14 clear.
15 A. Okay.
16 Q. Let's take a look back, please, at
17 Exhibit 16.
18 A. Okay.
19 Q. Okay. 16, sir.
20 A. 16. Which one is 16 ?
21 Q. The number's on the bottom in the yellow
sticker.
A. Oh, okay. All right. There you go. Now I got -- I'm on track with you now.
Q. Okay. So you wrote Plaintiff's

Page 176
1 Exhibit 16; correct?
2 A. Well, let's see how much I wrote of it. 3 I wrote a lot of it. That wouldn't have been the
4 white papers. So this would have been probably my
5 personal data that I -- that I produced, and so that
6 would have been -- yeah, I wrote those, yeah. I think
7 I wrote most of them.
8 Q. When did you write Plaintiff's 9 Exhibit 16?
10 A. Oh, now, I wouldn't know that. I wrote 1 it a long time ago.
12 Q. Before or after 2000?
13 A. Oh, after 2000.
14 Q. Before or after 2010?
15 A. Probably before that, actually. I think
6 that would be before that.
17 Q. Before or after 2005?
18 A. Probably after 2005
19 Q. Okay. So sometime between 2005 and 2010; 20 correct?
A. Probably in that neighborhood, I think,

2 yeah. Because -- I know when these were done. So...
23 Q. Let's take a look at Plaintiff's
24 Exhibit 17.
25 A. Okay.

1 Q. All right. Sir, you believed that other folks had written at least portions of Plaintiff's Exhibit 17?
4 A. Did you read the note at the bottom of 5 the Page 19?
6 Q. Sir, that's not an answer to my question.
7 A. Well, I'm just saying, if you read the 8 note it says: "In the following section" --
9 Q. Sir, stop, please.
10 A. Okay.
11 Q. You need to answer my questions.
12 A. What was the question?
13 Q. The question is: You believe that other
14 people wrote sections of Plaintiff's Exhibit 17;
15 correct?
16 A. Correct.
17 Q. Okay. Can you identify for me what 8 sections other people wrote?
19 A. Yeah, I could probably do that.
20 Q. Okay.
21 A. The -- the evaluation overview of the design philosophy of the IS solar panel.
23 Q. All right. And that's on Page US001852.
24 A. So 20.

1
optics, and -- and shows that our optics do, in fact, meet the required optics to qualify as a -- for that lens.

And this was analysis made by an outside
individual that analyzed our lenses and come to this conclusion. You see the charts?
7 Q. Okay. So that section goes through US001869; correct?
A. Let's see what it goes through. 27 -we're still on 29. Let's see. All right. We're into 29. 31 still is part of the analysis, 33 is still part of the analysis, and getting --
Q. Sir, keep going, please.

Please take a look and -- let's go and take a look --
A. Concentration ratios, 35. The temperature and showing all the degrees that we anticipated to get to -- to 38 and part of 39 .
Q. Okay. Well, let's talk about the optics, because the optics only went through 1869; correct?
A. Oh, wait a minute. Yeah, that turbine, yeah, that went through 37.
Q. 1869; correct?
A. Well, the page I got is 37 . So right here it says 37 (indicating).

1 Q. Sir, the --
MRS. JOHNSON: No. Down further. MS. HEALY-GALLAGHER: US001869 at the
bottom. I understand now. Now we're tracking.
Q. Okay. So who wrote this section?
A. It was an optical engineer.
Q. What's that person's name?
A. I don't know.
Q. Did you know at one time?
A. Of course I did.
Q. Who was that person employed by?
A. Probably employed by me.
Q. Do you have any record of this person's identity or existence in your records?
A. Well, yeah, we've got the names of all of them. I just don't have it on the page because we didn't want to publish their names, for obvious reasons. But the names are on the original documents, and we have it. And you should have -- you should have the original documents.
Q. Well, sir, I will represent to you that we have no names, so we will follow up with that with your counsel as well.
A. You should have the original names.
Q. So what's the next section that a third

Page 180
1 party wrote?
2 A. All right. Let's see. The next one is 3 we start out with the turbine evaluation.
4 Q. And that's on Page US1870?
5 A. Right. How much I wrote and how much the 6 introduction. And then -- and then part -- then I
7 could have written some of the introductions.
8 Let's see, the -- okay. UC Davis, his
9 Ph.D. dissertation -- okay. Got that. So that would
0 have been mine to the introduction of who he was, the
1 turbine efficiencies and the introduction here.
And then his, basically, analysis was written after the introduction, and all of these are referenced to his analysis.

And then we get to 1872. We get the analysis that he did on the nozzles that we did. He used our number systems and our analysis as the nozzles, the predicted turbine efficiency was written by him, all the conclusions were written by them.

All -- all that page -- so 1872, 1873 was written by those people.
Q. And, sir, I'm going to stop you here.

I'm going to ask you to silently go through the rest
of the document so you can just tell me where someone else's work starts and stops. Okay?

1 A. Well, l'd have to read the entire document, but I think it is all his writings. I would 3 -- I may have introduced a paragraph or two to -- in 4 -- in somewhere.
5 Q. Sir, through where? You said he started 6 at 1870?
7 A. I start the 38 and -- or 1870.
8 Q. Okay. And then his work started?
9 A. And I would -- I would interject.
10 Q. Sir, let me just ask here: His work started on 1871; correct?
A. Well, I think some of it's in 1870.
Q. Okay.
A. And 1871.
Q. And then where does his work -- sir, where does his work stop?
17 A. Well, I'd have to have a pencil and I'd have to cross out only my words.
Q. Okay. So --
A. But I don't know -- but this looks like mostly his -- his writing on 1872 was all his. 1873 was all his -- all theirs. I think there's three people involved.

So 1874, let's see, were all -- were all
24 those people. 1875 were theirs. 18 -- let's see --


1 Q. When did they provide you this writing?
2 A. It's been a long time ago. It's been --
been years ago. I don't even know. Could have been
before we ever started solar.
5 Q. Before or after 2000?
6 A. Well, all of it would have been after
7 2000, but I don't know when. I have no idea.
8 Q. Before or after 2010?
9 A. No, it would have been before that, but I
0 don't know exactly.
Q. Before or after 2005?
A. It could have been 2001, could have been 2002, '3, or '4. It could have been all the way up.
Q. So early 2000s, it sounds like?
A. Yeah. I don't -- but I have no idea. We -- we did this to evaluate whether or not we wanted to spend any more money --
Q. Sir, I'm going to stop you there --
A. -- on the project.
Q. -- because you've answered my question.

With respect to the earlier section on
the IAUS solar panel, when did you receive that writing?
A. Well, that was after probably 2006, I
would imagine, right around there.
Page 184
A. 18 what?
Q. 1887.
A. 1887. 1887 is probably where I did my analysis of their -- of their -- of their analysis.
Q. Okay. So --
A. Okay.
Q. Where is the data or research that supports your analysis?
A. This was what -- this was what this was right here, both this and the solar -- this, and this, and I think we have foot marks of where we came up 18 with all of this.
19 Q. Okay. So the content, sir, your
20 testimony is the contents of Plaintiff's Exhibit 17 is
21 what informed your analysis on Pages US 1887 through 22 1889?
23 A. Most of it. And the other stuff came
24 through other -- obvious things about electrical
25 efficiency, plan availability, turbine cycle
efficiency, conclusion. We drew the conclusions from the -- the other, and then of course the summary.
Q. And, sir, do you have any other documents or data that support what you've written here?
A. I'm sure you have it, actually.
Q. No, sir. Do you have it?
A. I don't know. I don't keep that kind of stuff, so I don't know. I don't need to. Not for what I do.
10 It was an internal -- it was basically
1 internal thing we did to see if we wanted to continue
with the project in -- in spending money on it in 2001
and '2, '3. We wanted to make sure we weren't wasting our money and time.
Q. So, Mr. Johnson, you're aware that these documents are on RaPower-3.com; correct?
A. Well, there's nothing wrong with that, as far as I know, but --
Q. Okay.
A. -- I imagine they would be.
Q. How did Mr. Shepard get these white papers?
A. He would have got them from me.
Q. Sir, with all of the contents of the white paper -- actually, I take that back.

Page 186
1 We looked at Plaintiff's Exhibit 16 and 17, yes?
A. We've looked at exhibit -- we looked through Exhibit 17. We -- with -- with the -- on -on every page. We only glanced at --
Q. Plaintiff's Exhibit 16?
A. 16, yeah, we just glanced at that one.
Q. Okay. How many other white papers, other than Plaintiff's Exhibit 16 and 17, do you have about your solar energy technology?
A. I'm not really positive. We have them on the photovoltaic system from BYU, the Polish control board system. And the analysis was developed by -the analysis of the -- of the photovoltaic system, the new system we have that's on the website is valued by a third party.
Q. When did you get those?
A. Oh, it was just a few years ago. This
is --
Q. And, sir, have you ever had a third-party review of your system as a whole?
A. Yes, I have.
Q. Who has done that?
A. They hired an expert, Dave -- through

Dave Nelson, and he came down and valued it.
Q. Who is that?
A. I don't know. I'd have to get Dave to give me a name. But, yeah, we had it evaluated several times.
Q. Mr. Johnson, when did Mr. Nelson hire an
expert to evaluate your whole system?
A. It's been -- it's been -- could have been 8 in 2012 or 2013.
$9 \quad$ Q. Why did he do that?
10 A. Because I asked him to.
Q. Why did you want that to happen?
A. I've -- I always want to make sure that we're on the right track and evaluate and see if we're -- if we've missed something in our calculations.
Q. So what --
A. We always --
Q. -- written product, if any, did you get from that expert who came down in 2012 or 2013?
A. I don't know that I got one on him. If I
would have done I probably would have published it, but -- but --
Q. Why didn't you get a written product from him?
A. I didn't feel like I needed a whole outline. I just was looking at it from a standpoint

Page 188
1 of was there something that I was -- that I had missed
2 or -- I -- I go through the process of what I invent 3 and not look at anybody else's stuff, because I don't
4 want to get clouded by somebody else's thinking.
5 And I get it done and evaluate it, and
6 then I bring in outside people to evaluate my work to
7 make -- I don't do it for the people. I do it for
8 myself to make sure that I haven't -- haven't --
9 haven't lied to myself somewhere.
10 Q. Okay. So --
11 A. And that's what I do.
12 Q. -- is there any other person who has 3 evaluated your system as a whole, other than --
14 A. Well, I have people come down all the 15 time that evaluate it.
16 Q. Sir, have you -- have you received any
17 written evaluation of your system as a whole?
18 A. I haven't, but I'm sure people have
19 written about it, but I don't think I have, you know.
20 Q. All right. Mr. Johnson, we've been
21 talking about lenses so far today.
22 A. Your computer's tired. Your computer
23 wore out before I did. That's sad. I'm a lot older
24 than that computer.
25
MS. HEALY-GALLAGHER: Do we want to take


1 Q. Okay. Now, these pallets are stacks of plastic, are they not?
A. Stacks of lenses.
Q. Okay. These are in rectangles; right?
A. Right.
Q. So how does a rectangle of plastic get to become any part of the triangles that we see in Plaintiff's Exhibit 2?
A. Because if you take the two triangles together, they make a square. That's the only way you could have got them off the rolls, and they break them apart.
Q. So how does any one piece of plastic in a rectangle in Plaintiff's Exhibit 460 --
A. Well, just -- they're just cutting in half which creates the two lenses. So there's two -on every -- on every square there's two lenses, and that's what goes in -- goes into that. And so they're cut in half and so that represents the lenses.
Q. So each one of the rectangles in Plaintiff's Exhibit 460 --
A. Yeah, they cut on an angle, which creates the triangle.
Q. -- gets cuts in an angle, creates the triangle, and that triangle is then one lens or two

Page 194
lenses?
A. Would be two lenses, yeah. So each one of -- each one of those flat panels, those two lenses, and there's -- you don't see them and they're cut,
they cut them -- cut so they package them and transform them for the purposes of transporting them.
But there's two lenses on each -- on each level.
8 Q. Okay. And I'm correct; right?
9 Plaskolite provides these lenses?
A. Yeah. I used to know them as Lucite. I don't know -- I don't -- I didn't know that was their name, actually.
Q. But whoever manufactures --
A. Lucite. It used to be Lucite. They've been sold out, yeah.
Q. Sure.

Whoever manufactures the materials on the pallets that we see in Exhibit 460 --
A. Right.
Q. -- before they ship them to you, they cut them on an angle so that they are triangular?
A. We cut them.
Q. You cut them?
A. But it -- the design, see -- see, you -you don't understand how hard this was.

1 Q. Mr. Johnson, I'm just asking what's here now. That's it.
3 A. But what I'm saying is, if you saw that, you would see that they're separated by a line through
5 there, okay. But to get them through that roll -- see
6 this is a big roll. You ever seen how they do
7 plastic?
8 Q. I understand the roll, sir.
$9 \quad$ So in the design of the rectangle,
there's a pre- -- there's a line that goes through;
right?
A. Yeah.
Q. And then when the rectangle gets to the manufacturing facility --
A. No, no, no, no.
Q. -- Cobblestone cuts it?
A. See that's what -- you need to let me
explain to you what it is.
Q. Well, sir, I don't want the whole back
story. I want to know what's happening right now.
So if you want to tell me what's
happening right now, can you do that?
A. We -- those lenses are rolled out in a --
in a plastic rolling machine.
Q. Yes.

1 A. They -- they're not squares when they -when they -- we don't ship anything to -- to plastic.
Plastica makes the whole thing at once. They -- they
have a plastic -- they have raw plastic, okay, little
bubbles of it, okay, little BBs of raw plastic.
They heat that plastic up, it goes
through an extruder, it goes to my roller. It rolls
them out into a flat square like this. And that was impossible from what everybody told me, and it was
0 impossible to do until I put my math to it and got it
1 out and got three patents on it.
Q. Okay. So now they produce --
A. Yeah.
Q. -- rectangles for you?
A. Yeah. Then you cut them in half.
Q. Who cuts them in half?
A. We do. But they will. They're --
Q. No, no, no.

Who does, sir? Who does cut them in half?
A. I hire people to cut them in half.
Q. At your manufacturing facility; correct?
A. Right, exactly.
Q. So is it Cobblestone Center workers who do that?

1 we put a lot of lenses up and a lot came down to see 2 -- to see just which ones are going to be the best.
3 We bought different thicknesses, we bought different ways of putting them up. We developed lots of things. And in the process we went 6 through thousands and thousands of lenses. Probably 7 10,000 lenses. I don't know for sure, but it's a lot.
8 Q. Mr. Johnson, I'm going to come around and 9 stand next to you again to take a look at the video.
10 All right. Before we do that,
1 Mr . Johnson, you said that you apply a serial number 2 to each lens; is that right?
13 A. Yeah, normally we do. When they -- when 14 we put them out there on the site, they're -15 everybody has a serial number on there.
16 Q. When did you start applying serial 7 numbers to lenses?
18 A. Before -- before the DOJ come down on 9 their -- their raid on us, so they saw them.
20 Q. So before 2012?
A. Yeah, it was before then.
Q. Did you start before 2010?
A. I don't know. Probably. We -- we had -there's always been serial numbers on everybody's lenses. Whether we actually put them on or not,

Page 200
they're still there.
Q. I'm not sure I understand your last statement.
A. Well, we have them available to put on
and -- and we sometimes we'll wait until we make sure
they're going to last before we stick something on,
but -- but we can and we have done in the past.
Q. So when, typically, is a serial number applied?
A. Just whenever I choose to. Just when I tell them to.
Q. Who do you tell to put serial numbers on lenses?
A. Just one of the workers. I just hand
them a bunch of numbers and I say go put some numbers on those lenses.
Q. Which lenses?
A. The ones -- ones I usually put in the
towers I put lenses -- put tags on.
Q. Before or after a lens goes in a tower
does it get a serial number?
A. No, huh-uh.
Q. Before or after, sir?
A. It's after

25 Q. How are serial numbers applied?

1 A. Just little -- they're just little --
just little kind of plastic things you can print off a
computer and then just rip them off, stick them on.
Just a little rubber -- little glue side on, you just
stick them on. Little stickers.
Q. Going to show you what is labeled on

Plaintiff's Exhibit 409, video 10_0_47-0_47--57,
sorry.
$9 \quad$ Hang on just one second, sorry. Having
some -- oh, geez. That's not what I want.
And for the record, the timestamp is
12:46:19, and I will play it.
(Video played.)
Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, did
that video clip appear to be a true and accurate
representation of what was on the construction site on
April 4th?
A. Uh-huh.
Q. Yes?
A. Yes.
Q. What we saw in that video clip I believe I was told were lenses that had been framed --
A. Right.
Q. -- and were ready to install --
A. Right.

1 Q. -- in the trusses that would go at the
2 top of the towers; is that right?
3 A. Right.
4 Q. So do these lenses have serial numbers on
5 them, sir?
6
A. No.
Q. No. Because they're not in a tower yet?
A. Right. And to get in the tower, we
designate -- we designate what towers with so many -with people's identification, and we have the number -- we can add a number where the tower is on the serial number so we can identify where the -where they are. These are -- these are warrantied for 15 years.
Q. Okay. Sir --
A. So if they break, we need to know who --
who to replace them.
Q. Well, that's what I was going to ask. How do you keep track -- or I'm sorry. First off, you said Cobblestone Center is the entity responsible for applying serial numbers now?
A. They are, yes.
Q. And who was responsible for that before Cobblestone Center?

1 A. Just whoever I designated before.
2 Q. Okay. How does Cobblestone -- when did Cobblestone Center start being the entity responsible for serial numbers?
5 A. Well, it was after the other towers were 6 built. They didn't even come in existence until the 7 other towers were -- were already built. And they -8 so they'd never been involved in that process.
9 Q. Okay. And the towers at the R\&D site are 0 the only towers that have been built; correct?
11 A. That's correct, and Cobblestone wasn't involved in that.
Q. Right. So has Cobblestone installed lenses on any tower?
A. That's what they're doing right now.

They've got about a quarter of those done -- done
since you've been down there. Almost a half. The
lenses on half are almost half installed on that whole site.
Q. Okay. So has Cobblestone applied serial numbers to those lenses?
A. No. They won't do that until they're all done, then they'll start applying them.
Q. Okay. What, if any, system does Cobblestone have in anticipation of keeping track of
different people's serial numbers and matching them to the lenses?
A. Well, that happens when they purchase it. The serial numbers are generated when they purchase the lens, and then they are printed out and handed to Cobblestone to put on.
7 The tracking, then, will come back and they'll designate where they put them on what towers, and then they'll add that to the -- to the customer's
10 database. But they will know which towers every lens goes to. It would be on the database on RaPower or
12 XSun or -- or SOLCOI, but it will all be tracked.
13 Q. Sir, when customers buy lenses, though --
A. The serial number is already --
Q. Okay.
A. -- generated at that point in time.
Q. Okay. But those lenses do not

18 immediately go on towers, do they?
A. No, they don't.
Q. No.
A. But the --
Q. In fact, those lenses, that customer's
lenses, might not even be framed like we see in video 10047057; correct?
A. Right. But the serial numbers are all

## generated.

2 Q. But they are not connected to any particular -- sir, let me finish. Sir, let me finish the question.
5 A. Okay. Sorry.
6 Q. The serial numbers are not connected to any specific lens; correct?
8 A. No. They designate where lenses are at at any given time for tracking. So they know what pallet those lenses are in.
11 Q. How do they know?
12 A. Because the programs are -- is there and tells me where the lenses are at.
Q. What program?
A. The program which we buy them off and they say, okay, we purchased these lenses, now they're -- they're in the warehouse.
Q. Sir, what's the name of the program?
A. It's just my own program. I wrote it.
Q. Where is this program stored?
A. On the Internet. It's stored on the Internet that generates --
Q. Which -- how do I access it? Which website?
A. You don't access it. What you do is you
buy a lens, and then it generates you a number and it tells you what -- what serial numbers are on it, and it's stored on the database on the -- on the website, on the Cloud, or whatever you want to talk about.
Q. And that program, sir, according to your testimony, indicates exactly where that lens is, whether on a pallet or on a tower?
A. Yes, it can. It can track.

9 Q. It can or does it, sir?
10 1 it may not. Depends how good my employees are.
12 Q. Mr. Johnson, do you know how many lenses have been sold by any entity?
A. No, I don't.
Q. The current price of a lens, Mr. Johnson, the total price is currently $\$ 3,500$; is that right?
A. That's correct.
Q. Who decided that $\$ 3,500$ should be the price of a lens currently?
A. I did.
Q. Anyone else?
A. No. I had people evaluate certain
things, but I decided how to -- how to price.
Q. Who evaluated things with respect to the price of the lens?

1 2 them evaluate the different costs I was involved in.
3 How much money I spent in R\&D. How much money I spent
4 on this process. What's the chances of my warranty --
5 how long -- what's my gamble on how long they'll last,
6 how many times I have to replace it.
$7 \quad$ What's the lifetime of this lens? What's
8 the production? How much production will it do? Will
9 it pay for it? All those things went into the value
0 of the -- what I put out there, and then the risk
1 factor and my profit.
12 Q. Okay. And customers, though,
13 Mr. Johnson, buy only the lens; correct?
14 A. That's correct.
15 Q. Mr. Johnson, all these things that others
6 have evaluated for you as far as what should factor
17 into the price of the lens, do you have any of that
18 written down?
19 A. No. I don't keep that. I just -- I just
20 figure it out and I figure this is what I've invested,
21 this is what my return should be, this is the risk
22 I've taken, this is what the market value is at the
23 time. The market value was within reason and so we 24 decided that would be the way we priced it.
25
Q. Okay. And when you say, for example, R\&D

Page 208
1 costs that you have incurred --
2 A. Right.
3 Q. -- to develop the lens --
4 A. Right.
5 Q. -- what's your estimation of that cost?
6 A. I don't know. $\$ 20$ million or so, maybe 7 more.
8 Q. And how do you arrive at that number?
9 A. Through the bookkeeping that IAS, they do
0 the bookkeeping on IAS's side.
Q. So that's a question for IAS, perhaps?
A. Well, it's what -- what they've -- what

3 the R\&D's added up to. What the losses were on IAS's
side. That's what I paid so -- a lot of that is what
I paid. I didn't pay all of it, but I paid a
substantial amount of that.
7 Q. And, to your knowledge, is that 8 information written down somewhere in IAS's records?
A. Well, I'm sure -- yeah, it's a public

20 corporation, you know, you can't -- you can't fudge on
1 the accounting on a public corporation. I never have.
I wouldn't dare do that.
Q. So, Mr. Johnson, if Mr. Greg Shepard has

24 made statements about the state of the technology at
25 the R\&D site, how, if you know, has he learned that
information?

MR. SNUFFER: Objection. Calls for speculation. You can answer if you...

THE WITNESS: Well, yeah, there's no
speculation in it. What happens when you do R\&D --
MS. HEALY-GALLAGHER: No, sir, I'm not -I'm not asking about that.

THE WITNESS: You are. That's exactly the question you just asked.

MS. HEALY-GALLAGHER: No, sir.
Q. So do you talk to Mr. Shepard about the state of the technology at the R\&D site?
A. Of course I do.
Q. About how many times in the course of a year do you talk with Mr. Shepard about the technology at issue?
A. Ten times, maybe.
Q. Okay. Does he come to visit?
A. Yes, he does.
Q. Yes. About how many times a year would you say he comes to visit?
A. About ten times. I don't know, about roughly that.
Q. Other than visits to the R\&D site and conversations with you, do you have any idea how else

Page 210
Mr. Shepard would have gotten information about what's going on at the R\&D site?
A. No.
Q. Mr. Johnson, you've referenced a few
times that you have folks who come and visit the site to see it; is that right?
A. Yeah, uh-huh.
Q. And you've been hosting visitors at the site for ten years?
A. Probably.
Q. Right. And you're the one who shares
information about the technology with the visitors to the site; correct?
A. Most the time.
Q. There have also been -- well, there's at least one RaPower-3 national convention. Are you aware of that?
A. Uh-huh.
Q. Yes?
A. It was in -- yeah, we held it in Salt

Lake City, I believe.
Q. In 2012; correct?
A. 2012 .
Q. And you spoke at that convention; right?
A. I did.

1 Q. You told the people there about the state
2 of the technology?
3 A. Yes, I did.
4 Q. And, in fact, RaPower-3 hosts tours.
5 Like, RaPower-3 will bring groups of people to see the
6 construction site and the R\&D site; correct?
7 A. Ido.
8 Q. XSun Energy. Does XSun Energy bring
9 customers onto the site?
A. Not so much.
Q. How about SOLCO?
A. No, not so much.
Q. Okay.
A. Am I not so boring now? She hasn't come across the table yet, though.
Q. Mr. Johnson, I'm going to hand you what's already been marked as Plaintiff's Exhibit 8A. Turn it over, sir. There you go.

Please take a look at that document and let me know when you're ready to answer just a couple questions about it.
A. Okay. What -- what do you want me to answer?

24 Q. My questions, sir, really start at the
25 photos page, which is Bates marked Greg_P\&R574 through
Page 212

## 583.

2 A. Okay.
3 Q. And as you take a look at those pages, sir, you see that there are years that demarcate different photos?
6 A. Uh-huh.
7 Q. Could you just take a look through there and just to yourself take a look at the pictures and let me know if the -- if the photos match up in your 0 recollection with about the year that's identified as 11 connected with them.
12 A. Well, he probably had a better sense of 13 the year than I would, because I don't remember them.
4 So -- so what's your question?
15 Q. So my question, for example, is the page
16 that has 2006 at the top.
A. 2006, okay.
Q. Right. Is that -- you know, the 2006 photos are, like, three different rows. Are those, you know, to your recollection, what was going on in 2006?
A. Uh-huh.
Q. Yes?
A. 2006, yeah. I think it's probably about right, yeah.
1
2 Q. And how about the three photos for 2007?
these went up there -- the dates aren't -- don't
coincide with, I don't believe, the dates that I put
them up.
Q. What do you mean?
A. Well, the towers were put up before 2011.
Q. Right. I don't think he's saying the
towers went up in 2011. There's just a picture of the towers up in 2011.
9 A. Well, yeah, okay. I got that. But I --
yeah, if you're saying that that's when I put them up,
that's not when I put them up.
Q. No, I don't think he's saying that's when you put them up.
A. All right. We may have taken them 2011.

That's entirely possible, but, okay.
Q. Okay. Then let's take a look at for 2013.
A. 2013.
Q. Couple of pages for 2013.
A. Same thing, the dates of when I actually did it, I don't remember the dates.
Q. So these photos may have been taken in 2013 --
A. Yeah, but --
Q. -- correct?

1 2 them.
3 Q. All right. But these photos look like what was happening in 2013; right?
A. Yeah, that's fine, but...
Q. Okay.
A. They wouldn't have -- I would have had
those earlier than that.
Q. Okay. And the same thing for photos under the 2014 heading, they could -- they were taken
in 2014, to your recollection; right?
A. Well, I wouldn't have taken them, so I

13 wouldn't know, but I just know that --
Q. Do they reflect --
A. But I had -- that is when I got the
equipment. That's not when I bought -- you know,
there's a lot of things in here that are overlapping.
Q. Okay.
A. Doesn't mean I built those in 2014.
Q. Understood.

But could these photos have been taken in
2014?
A. Yeah, they could have been, yeah.
Q. Yes, okay. All right. Thank you. You can put that exhibit away.

Page 216
1 A. Okay. I didn't even see those. That's a lot of work, huh?
Q. Showing you, sir, what's previously been markedPlaintiff's Exhibit 13.
A. Oh, my gosh, won't be able to read that.
Q. All I'm going to ask you about

Plaintiff's Exhibit 13, sir, is this is -- appears to
be a printout from RaPower-3.com.
Do you see that?
A. Right.
Q. And it's called "The Holy Grail of Solar Energy."

Do you see that?
A. Yeah.
Q. And it says it's by Neldon Johnson?
A. I barely can read that.
Q. Okay. But you see that, yeah?
A. Need a magnifying glass, but I wrote this.
Q. You wrote this?
A. Yes.
Q. How did it get on RaPower-3.com?
A. He probably copied it from International, my IAS website. It's on the IAS website.
Q. Okay. So you think Mr. Shepard copied
this text from the IAUS website?
2 A. He got it from me somehow, but I would imagine that's how.
4 Q. He got it from you?
5 A. Yeah. That's a lot of writing, isn't it.
6 Q. I'm showing you, sir, what's been marked as Plaintiff's Exhibit 14.
8 A. Did you read that article all the way through?
10 Q. Uh-huh.
11 A. Did you understand it?
12 Q. Yep.
13 A. Cool. I am good.
14 Q. All right. Plaintiff's Exhibit 14, sir.
15 A. Okay.
16 Q. Do you recognize Plaintiff's Exhibit 14?
17 A. Uh-huh.
18 Q. Yes?
19 A. Yes, uh-huh.
20 Q. This is a website printout from IAUS.com; correct?
A. And I wrote that.
Q. All right. Mr. Johnson, you wrote --
A. I was very complimentary, by the way.
Q. The IAUS response to Department of

Page 218
Justice's Claims Against its Technology.
A. Did you see how nice I was?

3 Q. Thank you.
4 A. How careful I was, because I knew you
5 guys were mean.
6 Q. You wrote that, did you not?
7 A. I did, and I wrote it nice too.
8 Did you read it?
Q. Yes, Mr. Johnson, I read it.
A. Thank you.

MS. HEALY-GALLAGHER: Let's take a
five-minute break, please.
(There was a break taken.)
(Exhibits 511 and 512 were marked for identification.)
MS. HEALY-GALLAGHER: Back on the record, please.
Q. Mr. Johnson, we just took a short break.

Did you talk to anyone about the facts of this case during the break?
A. No.
Q. Did you wish to correct or supplement any of the answers you've given so far today?

1 A. No, l'm fine.
2 Q. All right. Please take a look at what's
been marked as Plaintiff's Exhibit 511, and let me 4 know when you've had a chance to review it.
A. Yeah, I know what it is.

6 Q. This is a RaPower-3 Equipment Purchase Agreement; correct?
8 A. Correct.
9 Q. Actually, for the record, the Bates
numbers on this document are Olsen_P\&E-00195 through 202.

12 A. Okay.
13 Q. So, Mr. Johnson, this purports to be a
4 contract between RaPower-3, LLC and Preston Olsen;
5 correct? Of PFO Solar?
A. Yeah, uh-huh.
Q. Yes?

And your digital signature appears on the last page of Plaintiff's Exhibit 511?
A. Okay.
Q. Correct?
A. Okay.
Q. Yes?
A. Yes, uh-huh.
Q. So have you authorized your digital

1 signature to be applied to -- sorry. Let me finish
2 the question.
3 A. Sorry.
4 Q. Have you authorized your digital
5 signature to be applied to RaPower-3 purchase
6 agreements? Sorry. I'm losing it too.
7 You've authorized your digital signature
8 to be applied to RaPower-3 Equipment Purchase
9 Agreements; correct?
10 A. Yes, Idid.
Q. Okay. And do you know how a customer can gain access to this Equipment Purchase Agreement if they do want to buy lenses?
A. Yes, they just have to go to RaPower-3 and join and sign -- sign up, and it's all automatic.
Q. And is that RaPower-3.net?
A. I don't know whether it is dot com or -I thought it was dot com, but it may be dot net, I don't know. I've never done one, to tell you the truth.
21 Q. You've never done?
22 A. I've never did it myself.
23 Q. Okay. Who is it that makes sure this contract is online for people if they want to buy?
A. Just my programmer. I have a programmer

1 that -- that we have that writes the programs and 2 makes sure the documents are -- are correct, you know.
Q. Okay. And that's all through RaPower-3, 4 LLC; correct?
5 A. Right, uh-huh.
6 Q. Okay. Let's take a look, please, at
7 Plaintiff's Exhibit 512. 512. Take a look at that
8 and please let me know --
9 A. I know what it is. Okay.
10 Q. What is -- you're familiar with this
document?
A. I am, uh-huh.
Q. Okay. For the record, it's Bates numbers

Olsen_P\&E-00203 through 216.
And you know what, let's take a quick
look back at Plaintiff's Exhibit 511.
A. Okay.
Q. 511.
A. Okay.
Q. Mr. Johnson, we have a number of

RaPower-3 Equipment Purchase Agreements in our records that look like Plaintiff's Exhibit 511.
A. Sure.
Q. If, you know, for example, that RaPower-3 letterhead logo that's up at the top left of the

Page 222
document there, that's the RaPower-3, LLC letterhead --
A. Right.
Q. -- logo? Okay.

Moving on. All right. We can go back to 512.

7 A. Okay.
8 Q. In 512 we see the same logo up at the
top; correct?
A. Correct, uh-huh.
Q. And 512 is an Operation and Maintenance

Agreement --
A. Uh-huh.
Q. -- correct?
A. Right.
Q. And the -- the recitals at the top there
say that it is between LTB, LLC and Preston Olsen for
PFO Solar; right?
A. Correct.
Q. And then on the signature line on the
last page, again we see your digital signature; right?
A. Right, uh-huh.
Q. It's for the seller and as a director of

RaPower-3.
Do you see that?
Q. Right. That's what I want to know.

Why does this contract say LTB is bound to do something, but it's on RaPower-3 letterhead and is signed by you on behalf of RaPower-3?
A. Well, quite frankly, I didn't know that was the case. But if it is, we'll change it. But -but -- and it's probably just a mistake made by my programmer in thinking that this was a RaPower-3
contract and not telling me that it -- that -- you
know, and it's probably my fault for not looking
through it more closely than I did.
Q. Has anyone ever asked you about that?
A. No. l've never seen it -- seen it, but we can correct it. It's not a problem. I can go back
and redo them. But I didn't -- I wasn't aware of
them, I'm sorry. I made a mistake. That's the first
one I've ever made. Gosh, it's terrible.
Q. I'm going to show you, sir, what's
already been marked as Plaintiff's Exhibit 121.
Page 224
1 A. Okay.
2 Q. Just take a look at that, please, and let me know when you're ready to answer some questions.
A. Okay. Now that's a different one than
this one, right? Did I sign it the same way?
Q. So let's walk through the document.

So if you take a look, please, at the top
of the first page, it says "RaPower-3."
Do you see that?
A. Right.
Q. But it's a different logo?
A. Right.
Q. Is that another logo that RaPower-3, LLC uses?
A. Right. Looks like they improved it, doesn't it? Yeah.
Q. Okay. And this purports to be between LTB, LLC and Preston Olsen.

Do you see that?
A. Uh-huh.
Q. Yes?
A. Right, uh-huh.
Q. And this is an Operation Maintenance

Agreement; correct?
A. Right, uh-huh.

1 Q. And then, yes, if we turn to the last
2 page, which is Olsen_P\&E-00177. Mr. Johnson, you've 3 signed as director of RaPower-3; correct?
4 A. Correct, uh-huh.
5 Q. Okay.
6 A. That would be correct. We'll make sure
7 that doesn't happen again.
Q. Okay. But this appears to be a typical

Operation Maintenance Agreement?
A. That's correct, yes.
Q. Show you, sir, what's been marked as

Plaintiff's Exhibit 103.
Just take a look at that document and let
me know when you're ready.
A. Okay. I'm ready.
Q. All right. First off, up at the top left
we see the International Automated Systems letterhead;
correct?
A. Correct, uh-huh.
Q. And this is a letter to KBR Investments,

LC; correct?
A. Correct, uh-huh.
Q. Okay. The signature appears to be yours;
is that right?
A. Right.

Page 226
1 Q. It's a little faint, but you recognize 2 that as your signature?
3 A. That's my signature, yes, it is.
4 Q. Okay. And, Mr. Johnson, this letter starts off saying:
$6 \quad$ "This letter is regarding the 7 alternative energy systems that you 8 purchased from International
A. We probably had them in the towers, but

| 1 | A. | That's correct. |
| :--- | :--- | :--- |
| 2 | Q. And on the next page you have signed this |  |
| 3 | letter on behalf of IAS? |  |
| 4 | A. | Okay. |
| 5 | Q. | Is that right? |
| 6 | A. | Right, yeah. |
| 7 | Q. | So your signature appears above your name |
| 8 | as $C E O$ | of IAS; correct? Correct? |
| 9 | A. $\quad$ Yes, uh-huh. Okay. |  |
| 10 | Q. $\quad$ Take a look, please, at the last page of |  |
| 11 | Plaintiff's 185. It appears to be a Solar Lease Bonus |  |
| 12 | Fee Contract. |  |
| 13 | $\quad$ Do you see that? |  |
| 14 | A. $\quad$ Which one you looking at now? |  |
| 15 | Q. $\quad$ Last -- last page. |  |
| 16 | A. $\quad$ Last page. Okay. |  |
| 17 | Q. $\quad$ Do you see that? Solar Lease Bonus Fee |  |
| 18 | Contract? |  |
| 19 | A. $\quad$ Right. |  |
| 20 | Q. $\quad$ This contract -- correct me if I'm |  |
| 21 | wrong -- appears to allow Ms. Lambrecht or iLios to |  |
| 22 | earn a bonus of the gross -- total gross sales revenue |  |
| 23 | as received by IAS commencing October 31, 2005, for |  |
| 24 | the sale of power generation equipment. |  |
| 25 | A. $\quad$ Okay. |  |

1 Q. Is that right?
2 A. Correct.
3 Q. Yes? Okay.
4 What sales revenue was IAS receiving as
5 of 2005?
6 A. We -- we -- I don't know that we received
7 any.
8 Q. Has IAS ever received any sales revenue?
9 A. Not -- not that I'm aware of. Rather
10 than just what I pay them for research and
development.
Q. Do you know who, sir, came up with this
bonus fee contract?
A. I did.
Q. You did?
A. Uh-huh.
Q. And why did you decide to start issuing bonus fee contracts?
A. In order -- in order to launch a company -- now, do you want me to explain it or not? If you don't want me to, tell me before I start.
Q. Can you do it succinctly?
A. Can I do anything like that? Probably not. Because it's not -- it's not as easy to explain as what you're alluding to.

1 To launch -- we -- we evaluated how to 2 launch this company going from R\&D into a company 3 selling products. We looked at other companies and 4 how they chose to launch their companies, the costs 5 involved, and what was going to be required in order 6 to -- to do that.
$7 \quad$ We decided that we could take the losses 8 that they were -- would incur in that process, giving 9 it back to our customers would give us the ability to 0 launch this company.
11 We calculated we could -- we could give 2 away between three and six percent of our gross sales,
13 and still be less than most companies use in launching
14 their -- in launching their companies into a viable --
15 going from research and development into a -- into an 16 active marketing company and actually selling product.
17 So we -- we calculated out three to six 18 percent. Most companies spend probably 30 percent to 19 -- or 50 percent of their -- of what they would make 20 in three years up front to launch a company.
21 We would have had to -- we would have had 22 to diluted our stock to a certain position in order to 23 do that. And we decided rather than dilute our stock 4 position, that we didn't want to do, we chose then to 25 offer a bonus program to entice the people to buy our

Page 232
1 equipment.
2 Know that it was high risk. It was a
3 brand new piece of equipment. People were not going
4 to be excited about getting involved in it. And so I
5 figured out the mathematics and the probabilities just
6 to statistic analysis on how to proceed and what would
7 be the risk to us in doing that, in marketing this
8 product.
9 Then when I got through all the
10 mathematics that I did on this -- on the valuation of
11 other companies and how they resolve it, what the
12 chances of success was in doing it their way, the
13 chances of success doing it our way, and it looked to
14 me like the biggest success would be doing it this
15 way, and it would be more attractive to our -- to our
16 customers.
17 And so rather than give away our -- our 18 profits to advertising companies, we decided then to 19 give it back to the -- as an advertising cost, back to 20 our own -- to our customer base, which I feel like it 21 was the right choice and it -- and it made -- it made 22 a huge difference in our sales.
23 But it also gave -- gave two things: It
24 also gave back -- it guaranteed a profit to the people
25 that bought in my equipment. It guaranteed if we're
successful, it guaranteed that the IRS would get more
money back than they ever paid out on the tax credits, or the depreciations, just from this bonus program alone.
5 Let alone -- we also guaranteed the
6 program -- this is not -- the whole program that we
7 put together was more than this. We guaranteed the
8 payment on the -- on the -- if -- if it didn't make a
9 payment that year to equal the payment required to pay
10 it off, I would make that payment.
11 And so they -- they were guaranteed they
12 were going to have to pay taxes on that payment.
13 Q. So I want to --
14 A. So what I did --
Q. I want to ask you a question.
A. You told me I could clarify the whole
thing.
Q. I didn't say that. I said succinctly.

So here's what I'm going to ask you --
A. All right.
Q. -- you said the bonus situation made a huge difference in your sales?
A. Yes, it did.
Q. So offering the bonus system really increased your sales, is what you're saying?

Page 234
1 A. What it -- what we feel like it did -and there's no way to tell, I mean, there's no way to do it because I didn't sell it any other way, so you can't really judge, you know.
5 Q. Isn't it right, though, Mr. Johnson, that the --
A. From my opinion is that I would do that. THE REPORTER: One at a time. MS. HEALY-GALLAGHER: Sorry about that.
Q. But you have not always had a bonus contract in place. Isn't that right?
A. No.
Q. You have always had a bonus contract in place?
A. Well, I changed it now, because now we're into a profitable situation. I no longer need that bonus program to provide me with the sales.
Q. So when did you stop offering the bonus contract?
A. Last year.
Q. Okay. And that was because you hit a place where you were making --
A. We hit a place where we felt like that we didn't -- there's no profit. There's no profit for me in this at all, and I can't run a company, sustain it
with this kind of a contract.
2 percent of our gross sales, and that's about what we -- we haven't even hit that.
Q. When last year did you stop offering the bonus contract?
A. Well, I didn't stop offering it to our
traditional customers, but I -- I'm -- I've been --
all the new customers we've been pushing over this
other way.
Q. This isn't the -- is it the same time
that you stopped offering depreciation as a tax
benefit?
A. Right, yeah.
Q. Yes?
A. Yeah.
Q. Okay. And why did you stop -- why did
you stop offering depreciation?
A. Well, I'm not a tax -- I don't offer tax
even to you. I wouldn't offer you a tax thing. I
wouldn't offer you tax advice, okay.
But from -- from what my opinion -- and I
haven't offered this to my customers -- but -- but I
knew that once you stopped having a bonus program, you couldn't take the depreciation.
Q. So let me make sure I understand what your understanding is.
A. Okay.
Q. You believe that a memorandum from Kirton McConkie stated that if there was a bonus contract in place, then a purchaser of a lens could claim depreciation on the lens?
A. Well, that was one of the specific
questions I asked him and put -- and he wrote it. And I told him what I was doing, and he said, yeah, that would work.
Q. So that was your understanding?
A. That was my understanding that was his opinion.
even promoting it on that basis. But it was a limited
time. There's not -- you know, so that's -- that was
-- we could never sustain the company doing what we
were doing. Nobody in their right mind would have.
Q. I'm showing you, Mr. Johnson, what's been
marked as Plaintiff's Exhibit 383. Take a quick look
at that and let me know when you're ready.
A. I don't even know what that is.
Q. For the record, the Bates number is Ra3004771.

Mr. Johnson, is that your signature at the top quarter of the page?
A. Yes, it is. But this wasn't the whole thing that was given out. This was in response to a
letter that I sent out to all the people that stated that I would purchase -- I would -- I would pay -- I would repurchase all of their notes if you were worried about the IRS, a problem with the IRS. I
would -- I would refund you within this length of time, your money.

This is -- this is not what your -- this is what I -- this isn't -- this is something that -this is a short overview of what I put out, and -- and what I did is I did -- I did refund people's money, some people's money over that issue. But I didn't have to.

I did it only because I wasn't -- I wasn't going to -- I didn't want to put anybody into -- give somebody a heart attack or a financial situation that they couldn't -- wouldn't do.

And so I sent a letter to everybody and said, look, if you're worried about the IRS, if you're concerned about it, then for this period of time, we'll give a certain amount of time, and we'll refund your money. That's what this relates to.
Q. Okay. When did you make that offer?

When did you send that letter to folks?
A. I don't know, but it's on somewhere.
Q. I'm not asking about plaintiff's --
their money
Q. So then, Mr. Johnson, would you think it would be before December 28, 2010?
A. Yes, I -- it would be -- I don't know
exactly, and this may not relate to it, but that's the
only way I know that this would -- this would be
0 there.

2 because I was obligated to, it was because I didn't
want anybody to be damaged by something that I did.
Q. Okay. Mr. Johnson, to your knowledge,
has there ever been a payment made to any customer for
6 having used their lenses for advertising purposes?
17 A. Not at this time there hasn't been.
18 Q. Have you ever offered to provide
9 customers with retroactive rental payments for their
0 lenses?
21 A. I don't know what that is. I don't know 2 what you mean by that.
Q. Okay. Has there ever been a payment to any customer for having used his or her lens in research and development?

Page 240 3 I believe, on KNRS radio; is that right?
A. That's correct, yes.
Q. Are you doing any other radio ads?
A. No.
Q. On the radio ads, are you talking about
technology?
A. Mostly.
Q. And on the radio ads, are you talking about any federal tax benefit that you might get from buying a lens?
A. No. I don't -- I may have said something
about that there was a tax credit available, but I
5 don't -- but mostly I'm -- mostly the whole purpose of
6 what I was doing is to -- is to -- is to get people
7 involved, understanding the technology.
18 Q. So, Mr. Johnson, Mr. Shepard, in other
9 documents, has stated that you are the one who came up
20 with the idea for the tax benefits that purportedly
21 relate to purchase of solar lenses.

24 a statement
25
A. Well, I didn't come up with it.

MR. SNUFFER: It's not a question. It's

THE WITNESS: The government --

didn't -- l'm not the one who generated this nor asked for it.
Q. Who is?
A. I think this one came from Bill Pack.
Q. But you didn't have a role in obtaining this letter?
A. No. I never even had a role in -- in
developing any of the information that went into this
9 -- this particular information. This -- I -- but this
0 was, I think, obtained from -- from a relationship of
Bill Pack, who is also a CPA.
Q. Bill Pack was a CPA?
A. Uh-huh. So it's -- but I think its
relationship -- you want me to keep that. Okay.
Do you have a copy of that?
MR. SNUFFER: I have one.
THE WITNESS: Okay.
Q. BY MS. HEALY-GALLAGHER: So, Mr. Johnson, how did you first come to learn about depreciation and a solar energy tax credit?
A. Well, I've been in business since --
well, I've been in business my whole life.
Q. Was it before or after you met Bill Pack?
A. Before I met my first wife.
Q. Okay. So when did you start letting

1 people know that if they bought a lens there might be 2 some tax benefits associated with it?
3 A. I don't know. When I first sold the
first unit, I guess, 2007, or whatever it was. I'm 5 not positive.
6 Q. Did you ever use the Cloward \& Sorenson
7 letter?
8 A. No, I didn't personally use it at all.
$9 \quad$ Q. I'm going to show you what's been marked as Plaintiff's Exhibit 22.
11 A. Okay.
12 Q. Just take a look at that and let me know when you are ready.
A. Yeah, I know what this is. Again, it's
-- this has nothing to do with me. Fact is -- and I
don't -- I don't remember who was involved in getting
this information, but we were using Hansen Barnett \&
Maxwell as our public accounting first for our public
corporation, and they give this out without my --
without my information -- without me even knowing
about it, and charged me for it.
Q. Who gave it out?
A. Hansen Barnett did.
Q. Do you know who solicited this letter?
A. I don't remember. But -- but I know one

Page 244
1 thing, is that the person that got the letter put that out to someone and it got back to Hansen Barnett, and
our relationship, it was -- got heated and they
terminated their -- and stopped doing my accounting,
and I was pretty upset about the whole thing.
$6 \quad$ Q. So did you know that this letter existed before --
A. No.
$9 \quad$ Q. -- HB\&M terminated you?
10 A. No, I didn't know anything about it until they -- they told me about it. And I said you're the one, I said, I've never seen it.
Q. Would it surprise you to know that Greg Shepard had the text of this letter?
A. No, it wouldn't surprise me what Greg...
Q. Would it surprise you to know that Roger Freeborn had the text of this letter?
A. It probably does, but I didn't give it to him, so I don't know how they got it.
Q. So you didn't give anybody this document?
A. I never had it. It came to me later from them when they terminated their relationships with me under a very heated experience. They were very upset and I didn't know anything about it.

So why would they be giving information

1 out to someone else that wasn't even involved with the company? It was their fault, not mine.

But I, you know, I think the material's
accurate.
Q. So, Mr. Johnson, you don't remember --

6 you don't remember having had a meeting with HB\&M and
7 Bill Pack?
8 A. Well, it could have been Bill Pack on 9 this one too, I don't know. Like I said, I wasn't --

I wasn't involved with it. I know I never met with
them together on this and I never asked them to give it to me.

MS. HEALY-GALLAGHER: This will be our next, please
(Exhibit 513 was marked for identification.)
Q. BY MS. HEALY-GALLAGHER: Showing you what's been marked as Plaintiff's Exhibit 513. Take a
look at that, please, and let me know when you're ready to answer questions.
A. Okay. I -- whatever you ask me, go ahead.
Q. All right. Mr. Johnson, Plaintiff's

Exhibit 513 is marked with Bates Nos. Ra3008930.
Do you recognize the handwriting on this
document?

Page 246
A. You're looking at where?
Q. 9,000.
A. Okay, yeah, I got it.
Q. Does that ring a bell? Was there a time that you were selling systems for $\$ 9,000$ ?
A. Oh, yeah, I think so.
Q. So would these -- could these notes have been generated around that time?
A. It was probably before then, yeah. It was just something I put together in my mind, put it on a piece of paper to look and see how it would fall together.
Q. Okay. And you had notes --
A. It was just a reference.
Q. You have notes here about the IRS and
active income.
Q. Okay. So these are your notes?
A. Yeah. But I don't know why -- you know, I just put together some ideas and thoughts down on 8 paper, take a better look at it.
9 Q. Mr. Johnson, did there come a time when
0 you -- okay. Let's see.
I'm sorry. Am I remembering your
testimony correctly that the first time you would have
told customers about tax benefits like depreciation
and the solar energy tax credit is when you first
started selling the lenses?
A. Yes, I think so.
Q. Okay. And when was that? When did you
first start selling the lens?
A. It was right around 2000. I don't
remember exactly, but it was right around 2000.
Q. And were you the only person selling lenses at that time?
A. I didn't personally sell any lenses. I
just -- I just told some people that we were giving commissions. We were -- we would give out commissions

1 to people to -- to buy into, you know, the product.
2

5 there were potential tax benefits?
6 A. I showed them, yeah. I said this is what I understand to be the tax laws, and this is what we've discovered, this is what we -- we were told, you know, and this is the best information I have.

10 Q. And then they -- they went out and sold the lenses; right?
A. Yeah.
Q. Okay. Did there come a time, sir, when you talked to Todd Anderson about the tax benefits of selling a lens?
A. Yes, uh-huh. It wasn't Todd Anderson. It's his wife.
Q. Okay.
A. She's the tax attorney.
Q. About when was that?
A. I don't know exactly. Have you got a
date on there? I -- should have a date.
MS. HEALY-GALLAGHER: So make this the
next, 514, it looks like.
Handing you what's been marked -- oh,
wait a minute. Can I take back the exhibit number?
THE WITNESS: Yeah.
MS. HEALY-GALLAGHER: I'd actually like 4 to make this Plaintiff's Exhibit 23A, if we could make 5 a new exhibit label.
6 (Exhibit 23A was marked for identification.)
7 Q. BY MS. HEALY-GALLAGHER: Handing you what's been marked Plaintiff's Exhibit 23A.

Do you recognize Plaintiff's 23A?
A. Well, I don't know that I -- you know, I
recognize it, but it's -- I know that -- I know the
Anderson group.
Q. Well, take a look at that, and for the record l'll say this is marked as Ra3008255.
A. Yeah, this is something that they would have generated, I'm sure.
Q. And I'm also going to show you what's already been marked as Plaintiff's Exhibit 23.
A. Okay.
Q. Okay. They are different documents.

Plaintiff's Exhibit 23A has a date at the top of November 9, 2010.

Do you see that?
A. Yes. And I never saw this until they picked up all the -- all the day -- all the product
papers from Anderson was the first time that I was ever made aware of this. It was never -- this was never given to me.
Q. I'm not sure what you're talking about. MRS. JOHNSON: This is the same.
THE WITNESS: This letter, I never seen
-- I had never seen prior to the time that the
8 previous attorneys were given this information to
9 their -- my attorneys in -- in 2017.
10 MS. HEALY-GALLAGHER: Okay. Let's slow down for a second. We'll unpack that a little bit, I promise.

THE WITNESS: Okay.
Q. BY MS. HEALY-GALLAGHER: So let's take a look at Plaintiff's Exhibit 23A, which is the other one. All right?
A. Right.
Q. And that's Bates numbered US001654 through 1658.
A. Okay.
Q. Do you see that? All right.

Let's take a look at the last page of 23A
-- I'm sorry. I'm sorry. Of 23.
A. Of 23?
Q. 23. 23, l'm sorry. Yep, 23. Last page

1 of 23.
2 A. Okay.
3 Q. This last page of Plaintiff's Exhibit 23
is from Todd Anderson; correct?
5 A. That's what it says.
6 Q. And it says that it's to Neldon@IAUS.com
7 and GlendaEJohnson@Hotmail.com.
Do you see that?
A. Yes.
Q. And it says it was sent Monday,

11-15-2010.
Do you see that?
A. Right.
Q. Okay. And then let's take a look back at

Plaintiff's Exhibit23A, which bears the date
November 9, 2010.
Do you see that?
A. Okay.
Q. Okay. So, Mr. Johnson, you just
testified that you had never seen --
A. I had never seen it.
Q. -- the letter in Plaintiff's 23 and

23A --
A. No, I haven't.
Q. -- until 2017?

Page 252
1 A. Right.
2 Q. What -- let's back it up and find out what did you talk about with Ms. Anderson when you
first approached her about anything to do with tax
benefits to do with the lens?
THE WITNESS: Have you given up that privilege, then?

MR. SNUFFER: If you're talking about the lenses with Anderson, yeah, we've waived that privilege.

THE WITNESS: So we're okay?
MR. SNUFFER: Yeah, we're okay.
THE WITNESS: So --
MR. SNUFFER: The waiver goes to the discussion about the lenses, the tax effect on the lenses, the depreciation and the tax credit. So if you talked about gambling on BYU/Utah football games, that would still be privileged.

THE WITNESS: All right, well, I won't
20 talk about that gambling procedure.
When I talked to them, they approached me. We -- we had Todd Anderson as an attorney for --
Q. BY MS. HEALY-GALLAGHER: Other things?
A. Doing other things, okay.

And I told him what I was doing, and he
says my wife is a tax -- tax attorney and could help you out with the -- with -- with understanding these tax codes and could write a letter if you're willing to pay for it.
5 And I says, yeah, that would be great.
6 And so we went into it and -- and we got
7 talking about different things and -- and she's the --
8 she got all these codes out and was telling me about
9 the laws, and she wrote them down.
give me a tax opinion letter and l'll pay you for
them.
She did. I got it. I said, fine, is
this -- is this complete?
And she said yes.
And she actually sent another letter, I
think, besides this one on -- on the -- on the
information. I believe it was more -- more than this somewhere.

But anyway, that's how the thing got
started. It wasn't -- I didn't go to -- I didn't even know they were -- she was a tax -- that she had a tax license, an attorney.
Q. Which -- what facts did you give her about RaPower-3 or IAS?
A. Well, this isn't all what she gave, I don't think. I think there's a whole package thing and we discussed several issues on it.

We -- we discussed all the tax laws and how the -- how she felt about them, what the ramifications were, and the laws and how they were -what -- how she felt like they could be applied.

I mean, I -- I mean, I -- I like to get
the full information when l'm -- you know, when we're discussing an issue. But my wife was -- was with me
when we did it. So...
2 Q. How many times did you meet with Ms. Anderson before you got a copy of this letter?
A. Oh, several times. Yeah, it wasn't just one time. It was over a period of several months.
Q. How many times did she come out to visit the site before you received a copy of the letter?
A. I don't know. I couldn't tell you.

9 Q. Did you have any idea or understanding 0 that the letter was a draft rather than a finished product?
A. Oh, no. In fact, she sent me a letter stating the fact it was a finished product, that I could use it.
Q. Do you have that letter in your possession?
A. You guys should have it. I don't have it.
Q. If we don't, will you produce it?
A. Well, l'll -- I'll get it. It's got to
be in the stuff. But she gave -- she gave a finished product out there and said I could use it. In fact, I think she wrote on it "RaPower," didn't see?

MRS. JOHNSON: I don't know.
THE WITNESS: I don't either. I can't
Page 256
remember.
Q. BY MS. HEALY-GALLAGHER: If you don't
know, you don't know.
Do you -- did you give the Anderson
letter to anyone?
A. Well, I showed it to -- to -- to Greg and my kids, but I didn't put it out to anybody, no.
Q. Why did you show it to Mr. Shepard?
A. Just to show that the -- how to -- the laws were -- were accurate, that what we were doing was, as far as I could tell, were accurate and the things that we were doing were within -- within the statutes that the government had provided.
Q. Did you ever show it to Roger Freeborn?
A. Maybe. I -- Greg maybe probably did. I wasn't that close to Roger.
Q. Did you give Greg Shepard a copy of the Anderson letter?
A. I must have done, because he had it. I didn't know he had it, but he put it on the website without -- I think -- but I never saw it. I never noticed it was on until somebody raided my house and told me it was there. I didn't know it was there 24 until the IRS came in and was aggravated over it.
25 Q. Did you ever subsequently hear from
either Ms. Anderson or Mr. Anderson about the letter?
A. No, I didn't. I have never heard from them.
Q. They never asked you to stop using it?
A. No. No, they did not.
Q. Show you what's been marked Plaintiff's

Exhibit 480. The document is Bates numbered
Anderson_Todd-00024 through 26.
9 A. This is the first time l've ever seen
this letter, actually. I haven't even seen it in --
in the documents that came up with Todd Anderson's stuff.
Q. Slow down. Slow down for a second.

So this letter appears to be from Tate W.
Bennett, Esquire, and your name is one of the addressees, along with RaPower-3, LLC.
17 Do you see that?
18 A. Well, I see it, but l've never seen the 9 letter.
Q. Sure. So it's --
A. Who was this given out by?

MR. SNUFFER: It's not dated.
THE WITNESS: Where's the date on it?
MR. SNUFFER: It's not.
Q. BY MS. HEALY-GALLAGHER: If you take a

1 look -- take a look at the last page, the second to 2 last paragraph where it says, "We request that you 3 respond to this demand on" --
4 A. July 10th of 2013.
5 Q. Excuse me, sir. Let me just finish what 6 I said.
$7 \quad$ "We request that you respond to this
8 demand on or before the close of
9 business on July 10, 2013."
10 Did I read that correctly?
11 A. Right. All they're going to do is get
12 their ass sued, so that's fine. I'm glad I see that.
13 Q. So you've never --
14 A. Oh, my gosh.
15 Q. We've got to slow down for the court reporter.
17 A. No, that's fine.
Q. Okay. You've -- what did I make this?

So, Mr. Johnson, your testimony is that
20 the first time you have seen Plaintiff's Exhibit480
21 is today?
A. Yeah, I would have sued him before I even

22 A. Yeah, I would have sued him before I eve
23 got here if I saw it earlier. Yeah, we'll see about that.
Q. All right. Mr. Johnson, did there ever

18
19

24 that.
25
come a time when you consulted with a law firm Kirton McConkie --
A. Yes, there is, uh-huh.

4 Q. -- with respect to the solar lenses?
Yes?
A. Actually, they asked me. I didn't ask them.
8 Q. What's your recollection of that?
$9 \quad$ A. What they did is this company -- the company out of the -- that we're doing business with is Solstice, wanted to get involved with this project.
2 And I says, you're -- you're -- that's way too much
13 money and it's beyond my -- my capacity if I make a
14 mistake to recover from.
15 And I said I won't do business with you
16 unless you get a tax opinion letter stating that what
17 you're doing is viable and legal from the response of
18 a tax lawyer that would be somebody that I would
19 recognize as in a company large enough that would have
20 enough insurance that would take care of any losses
that you might incur.
22 And they -- they chose Kirton \& McConkie,
23 I didn't. And they invited me up and they went over
24 the project, and they're the ones who wrote the letter
25 that was written for the other company.

1 They then asked me if I would like to
2 have this for myself, and I said I would. And then I
3 went up and we had -- they gave us a copy, we paid the
4 same amount as they paid for the copy. And they told
5 me at that time, they says, if you have anybody else
6 that would like to do business with you, that we will
7 provide them with the same letter, same cost.
8 So there was a company out in -- in
9 California that called me and says we would like to do
10 the same thing. Somehow they got the information, and
11 I don't know how they got it, maybe it was from a
12 salesperson.
13 Anyway, they said we'd like to do the
14 same thing.
15 And I says, okay, well, I -- you can do
16 the same thing. Go through Kirton -- Kirton \&
17 McConkie.
18
19 business with me. Kirton \& McConkie then responded
20 that they, in a very derogatory tone and voice and
21 statement, said that they were no longer doing
business with me.
23 Q. I'm going to stop you there, because we
24 will get there, okay. I'm going to stop you there
25 because we got to get through some documents for

Page 260

Johnson, Neldon

Page 263
the -- for the rest of today.
A. Well, I just want to tie it together so you have it all at once.
Q. I appreciate that.

5 I'm going to show you what's been marked
6 as Plaintiff's Exhibit 356. Actually, before I ask
7 you about that document, that's my mistake for giving 8 it to you.
$9 \quad$ Do you recognize the name Jason Clement?
A. No, I don't. But I wouldn't remember it anyway, so it wouldn't matter. Oh, yeah, I know Jason. Yeah, okay, yeah.
Q. Okay. Who is Jason Clement?
A. He was a salesperson.
Q. For whom?
A. I think for Solstice.
Q. Don't -- if you don't know, don't --

Mrs. Johnson is not testifying today.
A. Okay. All right.
Q. So was Mr. Clement in sales for XSun Energy?
A. I believe he was. I believe he was.
Q. So Mr. Clement was, I'm guessing, an
independent sales rep for XSun Energy. Was that the relationship?

Page 262

13 Q. Is Mr. Clement the one who brought in 14 that big East Coast company through SOLCOI?
A. Yes, I think so.
Q. So he's also a rep for SOLCOI?
A. He is, yeah, he is. I think. Not in the written agreement, but I think he is.
Q. Are the contracts attached to the e-mail in Plaintiff's Exhibit 356, are those sample contracts
that XSun Energy would have used around this time?
A. I don't know. I'm not familiar with

23 these. I'm just looking at them.
Q. Well --
A. I guess I signed them, but -- so I must

1 have.
2 Q. Showing you, sir, what's been marked 3 Plaintiff's Exhibit 355.
4 Really, Mr. Johnson, what I'm curious
5 about are the Pages KM84 through 90. Would you take a
6 look at those, please, and let me know when you're
7 ready to answer questions.
8 A. Okay.
9 Q. It's -- it's hard to see, but up at the
0 top left-hand side of the page there's a faint version
of what looks like the XSun logo
12 Do you see that?
13 A. Yeah, but I'm not familiar with it.
14 Q. Okay. Do you know who wrote this
5 document?
A. I don't.
Q. Did you write it?
A. No.

19 Q. Was Mr. Clement authorized to make
20 statements like this on behalf of XSun Energy?
21 A. No, I don't think so. I don't know what 22 he -- what he did on that.
23 I've got to go use the restroom, though.
4 Can I take a break?
25
MS. HEALY-GALLAGHER: Absolutely. We can
Page 264
1 take five minutes.
2 (There was a break taken.)
3 MS. HEALY-GALLAGHER: We'll go back on.
4 Q. All right. I've been handing you, sir --
5 I've handed you what's been marked as Plaintiff's
6 Exhibit 357.
7 A. Uh-huh.
8 Q. Take a look at that, please, and let me
know when you're ready. And the attachments as well.
A. Okay.
Q. All right. In the e-mail that starts off

Plaintiff's Exhibit 357, the second paragraph,
Mr. Clement says:
"These are the same drawings that
were submitted to the Feds for the
1603 grant program that they were approved for."
Do you see that?
A. Uh-huh.
Q. Couple questions: Number 1, how did

Mr. Clement get these technical drawings that he
attached to Kirton \& McConkie?
A. He probably asked them, and I gave them
to him, yeah. There was nothing wrong with that.
Q. Then my next question is: What's your
recollection of the 1603 grant program that he's talking about here?
A. Well, the 1603 grant program was given out by Obama in place of the 30 percent tax credits.
Q. And you know what, sorry. Let me ask a slightly different question.
A. Okay.
Q. When, if at all, did any entity that we've talked about today apply for the 1603 grant program?
11 A. I don't remember the dates, but I know that they were applied for with Dave Nelson as the attorney acting in behalf of the company, and they were all -- they were all given to us.
Q. I'm sorry. Did you say you were approved for the 1603 grant program?
A. Yes, we were.
Q. Do you have any documentation reflecting that?
A. I don't know. Dave -- Dave Nelson would have it. I don't have any.
Q. So then how do you know you were approved for that?
A. Well, he told me. He said it was approved.

Page 266
8 other way, and so we didn't. But we were approved.
9 We weren't rejected in any fashion that I did -- that
I know of.
Q. How -- okay.

So your only source for knowledge that you were approved for the 1603 grant program was a statement from David Nelson?
5 A. Yeah. It -- in letter format I think
that he showed me. He said that they were approved.
17 There was a lot of money. Actually, $\$ 500$ million, I
think.
19 Q. And you decided to say no thank you?
A. Well, we just -- I want to do some

1 different things again, and so it wasn't -- it
wouldn't fit in what I was doing, so we didn't do it.
We could have done it, but we didn't.
4 Would have taken away from what I was doing in another
25 way, and I didn't want to jeopardize what I'd already

## Q. Who told you?

A. Dave Nelson. So it was just something hat we got and we got back and we approved it.
Q. So what happened after you were approved
other way, and so we didn't. But we were approved.
We weren't rejected in any fashion that I did -- that
I know of.

20
21
22
23

Page 267
done.
2 Q. If you have that letter from David
Nelson, will you produce it?
A. Yeah, fine. We can ask him about it.

Get it to him, I guess.
Q. I'll show you what's been marked as

Plaintiff's Exhibit514.
8 (Exhibit514 was marked for identification.)
9 Q. BY MS. HEALY-GALLAGHER: Take a look at that and let me know when you're ready to answer questions.
A. Okay.
Q. Is this the statement that you recall from Mr. Nelson?
A. No, this isn't it. This was just they wanted more information, I think.
Q. Okay. So you have a different statement from Mr. Nelson that you were -- you or an entity that you're in charge of was approved for a 1603 grant?
A. Yeah, I -- I -- this could be the letter, I don't know. But I know they gave me something, you know, that if we -- if we completed it that they would probably -- they gave it to us.
Q. So is your recollection now that you were not approved for the grant?

Page 268
1 A. No, no, as far as I -- we weren't approved for the grant until -- until after we produced the product.
$4 \quad$ Q. Okay. Because he says in this e-mail --
A. But that's what --
Q. Hang on.
A. We were approved to start the project.
Q. He says in this e-mail:
"It looks like this is the
confirmation until we get the project in service."
Do you see that?
A. Right.
Q. Right. Did you ever -- did you ever get
the project in service?
A. No, we never even -- we never went beyond just putting out the -- the -- the metal structures.
We didn't put any lenses in place.
Q. Okay. So in fact --
A. We were building the structure out.
Q. In fact, there was no approval for a 1603
grant to you or any entity that you control?
A. Well, no, there was -- it was approved

24 that we could do it.
25 Q. No, sir. That's not what that e-mail
says. That's not what that e-mail says.
2 A. Well, you can read it the way you want 3 and I'll read it the way I want.

8 Q. If you have any other statement from 9 Mr . Nelson on that topic, please produce it to the 0 United States.
11 A. Okay. But, yeah, that's -- I don't know 12 that this is the letter, but he gave me something. So 3 as far as I was concerned, he told me if I produced 14 the product, I would get it, so there you go.
15 Of course, I'm not a legal mind, so I
6 read it from the standpoint what the words meant to me and my terms, you know.
18 Q. Mr. Johnson, I'm showing you what's been 19 markedPlaintiff's Exhibit 362. Please take a look at 20 that and let me know when you have been able to review 20 21 it .
22 A. Okay. All right.
23 Q. This is an e-mail from Ken Birrell to
Jason@OrangeInsure.com.
Do you see that?
Page 270

5 actually, let me just ask you this: Did Jason Clement 6 ever send this e-mail and its attachment to you?
A. He may have done, but I haven't seen this
e-mail before. I've seen -- l've seen the letter, but
I haven't seen the -- whatever it is. I mean, I've got -- l've got this part of it.
Q. The memorandum?
A. Yeah, but I don't think I ever got this front page.
Q. All right. We're going to take a look --
A. But I don't know, I could have gotten it.
Q. We're going to take a look at Plaintiff's

Exhibit 367.
A. Okay.
Q. Please take a look at that and let me know when you've had the chance to review.
A. As far as I know, I've never seen this particular information.
Q. Well, let's take a look at the bottom of 24 the first page of Plaintiff's Exhibit 367. That's an 25 e-mail from Glenda Johnson.
A. It was to who?
Q. Jason@Orangelnsure.com.
A. Okay. Yeah.
Q. Yeah. Mr. Birrell writes -- well,

## saying --

2 Q. Okay. So you -- you asked her, sir, to write an e-mail to Ken Birrell; right?
A. Well, I don't know that I did or didn't, but what I'm just asking you --
Q. Why would she have done it on her own, sir?
A. Because she can spell and I can't. I
wouldn't even known what -- know that it was spelled
wrong. So there's two spelling places in there that she corrected.
Q. So is it your testimony that you had not read the Kirton \& McConkie memorandum?
A. I would have read it, but I wouldn't have known it was misspelled.
Q. But you read it?
A. I can't spell anyway.
Q. You read it by January 2013?
A. The Kirton \& McConkie letter?
Q. Yes.
A. Oh, yeah, I read it when they gave it out.
Q. When did they give it out?
A. To the -- the first -- the first company, it was given out in 2000 -- what did they say, 2000 --
it was before the -- it was 2010 or 2011. It was right around that same period of time.
Q. You recall Kirton \& McConkie giving out a memorandum in 2010 or 2011?
A. Yeah. Yeah, it was that early. It was 6 when we signed the contracts on -- on the other 7 project.
8 Q. So let's take a look at the factual background in this memorandum.
A. All right.
Q. Do you have any idea where Kirton \& McConkie got the information and the factual background?
A. I assume he would have looked it up.
Q. Do you know where they got it?
A. No, I wouldn't know. I wouldn't have -I wasn't involved in it. They weren't -- I wasn't even their client when they wrote it.
Q. But, sir, on Page KM214, this memorandum is to SOLCOI, LLC, attention Neldon Johnson.
A. Right, but it was -- it was because I 2 wouldn't do the deal without it. It wasn't -- it wasn't written for SOLCOI. It was written for the company that was going to do business with the company, and they would have -- they -- I required
that to be on my file before I would -- would
consummate the deal. That wasn't written for me. It
was written for the other company. Then we bought it after they got it done.
5 Q. Okay. But you read it at least as of 62010 or 2011?
7 A. Right. That's what I'm saying.
8 Q. Okay.
9 A. That's when they did it, yeah, but it wasn't to me. It wasn't for me at that time. It was
for -- it was for the other company. And then I
bought the thing -- later they asked me if I would
want it, and I said yeah.
14 They -- they charged me a certain amount
for it, and they said I could use -- if I had any
other clients that would like to do that and use it,
that they would be happy to do business with them.
And I said fine, I got a whole bunch.
And not the little ones. I wasn't doing
this for little -- the little ones. This was for the
big companies. I wasn't -- I never put this out to little people.

There's a reason why I wouldn't do that.
And that's -- I've asked -- I never authorized it.
Never told anybody to do it. It was used for only --
Page 276
only sales or that -- that I couldn't handle.
Q. Oh, I'm sorry. Let's mark that 515 .
(Exhibit 515 was marked for identification.)
Q. BY MS. HEALY-GALLAGHER: Please take a
look at what's been marked as Plaintiff's 515. Take a
look and let me know when you're ready to answer
questions.
For the record, while you look, the
document is marked with Bates No. Hamblin_R\&C-00171
through 172.
Do you recognize this document, sir?
A. No. I'm just -- I -- you know, l'm -- it
-- it probably is accurate, but I -- I'm not --
Q. So Plaintiff's 515 is a Memorandum of

Understanding between RaPower-3 and Roger Hamblin.
Do you see that at the top of the first
page?
Do you see that, sir?
A. Oh, yeah, I see it.
Q. And your signature is on the second page
under "Seller"?
A. Right.
Q. Is that correct?
A. Correct.
Q. Okay.
wanted something to -- for -- for -- for his files.
Q. Okay.
A. And so I gave it to him. But this isn't

9 -- this isn't a generally circulated letter.
Q. Okay.
A. It was just for people that understood.

He's a businessman and been in business a whole long time and understands, you know, how to read
the laws and how to -- I mean, he had his own people evaluate it.
Q. All right.
A. And so that's why I gave it to him.
Q. Okay. I'm going to ask you to take a
look at what's been marked Plaintiff's Exhibit 370.
For the record, that's KM274 through 322.
A. Okay.
Q. Do you recognize this document?
A. Yes, uh-huh. He showed it to me.
Q. I'm sorry?
A. I think Greg showed it to me. I'm not

Page 278
positive, but I think he showed it to me.
Q. Okay.
A. Whether I actually read it, I don't know.
Q. When do you think Greg showed it to you?
A. I think he showed it to me shortly after
he got it, I don't know.
Q. So in or around January 2014?
A. Could have been. Could have been right around that time, but I -- I don't remember the date.
I don't remember looking at it. I don't know.
I didn't even authorize him to go up and
talk to him, so when he got through talking to him he
brought this -- I think he gave it to me and I looked at it and I says fine.
Q. So what, if anything -- what, if anything, did you do after Mr. Shepard showed you this letter in around 2014?
A. I probably just glanced over like I'm doing now. Probably says, well, what do I care.
Q. Did you change anything about what you advised people about tax benefits to purchasing a lens?
A. No, I didn't. I didn't see anything -- I
didn't see anything in there that was changed, so I
don't know. If he made a change in there, I never

1 read it. I never looked at it. I looked at it, but I
2 never really read it. So did he make a change in
3 there?
4 Q. So you didn't make any changes based on 5 the contents of Mr. Birrell's letter?
$6 \quad$ A. I didn't think we were using this letter
7 for -- at the time I didn't think anything of it,
8 because I wasn't using it as a -- as a letter anyway,
9 as a -- as a sales tool. I wouldn't do that. I
0 wouldn't use this kind of stuff.
11 There's a reason why I wouldn't, but -but I don't do that kind of -- I wouldn't -- this was -- these -- this was developed for only clients that would be on my ability to -- to overcome an issue.
Otherwise I would not -- I would never have, you know, got in a relationship with an individual with a letter that's worth more than what they were putting in anyway. I mean, it's silly to think that I would.
19 Q. Mr. Johnson, did you share the
20 information about depreciation and tax benefits with Greg Shepard?
22 A. Yes, Idid.
23 Q. Yeah. And did you do that over time?
4 Like, when did you talk to him about that stuff?
25 A. Well, I think I just -- we went over it
Page 280
1 when I first started it, and I think that's about --
2 about the gist of it.
3 But I told everybody, I says, we're not
4 tax -- I'm not a tax expert in this field. This is --
5 this is the things that l've discovered. This is the
6 things I understand. But I'm not a tax expert and so
7 I require that before anybody purchase anything, that
8 they take it to their CPA and they -- and the CPA then
9 becomes familiar with the laws and they offer their
10 opinion to a customer.
11 I do not give out tax opinions and tax
12 information for the purpose of creating a sale or
13 doing anything like that to Greg, to Roger Hamblin, or
14 to anybody else. Nor have I ever done that, nor would 15 I.
16
17 letter out, okay, you want to know the reason why I
18 didn't? If you don't, I won't tell you. You'll have 19 to ask.
20 MS. HEALY-GALLAGHER: Next exhibit, 21 please.
22 (Exhibit 516 was marked for identification.)
23 Q. BY MS. HEALY-GALLAGHER: Handing you
24 what's been marked Plaintiff's Exhibit 516. Take a
25 look at that.

1 For the record, this is Jameson 08134 through 8143.
3 A. Okay.
4 Q. And really I just want to ask you a couple of questions. Do you -- let's see.

This is an e-mail from Roger Hamblin; correct?
A. Okay.

9 Q. Do you see that?
A. This letter here?
Q. Yes.
A. Okay.
Q. Do you see that?
A. Roger Hamblin to Glenda Johnson, okay.
Q. And it's to Glenda Johnson. And

Mr. Hamblin says:
"Neldon asked that I add some wording
on statutory noncompliance and that
we believe they have just
jurisdiction."
Did I read that correctly?
A. Yeah, I guess, but I don't know what it means.
Q. Any reason that Roger Hamblin would have been claiming that you asked him to add some

1 information on statutory noncompliance and IRS jurisdiction?
A. I don't know, unless -- l've never read it, but let's see what it says. I'm quite interested in it.
$6 \quad$ We were wondering if we could combine Roger Christian Hamblin and our partnerships.
8 Q. Sir, l'm just asking if you know why he
9 might have said something like that?
A. Well, I -- I won't know until I read it and tell what he says. Do you want me to read it out
12 loud or just read it to myself?
Q. Just to yourself.
A. It's not as interesting to me that way.
Q. Mr. Johnson, that section is only to the end of the -- the first page of the attachment.
A. So -- so what -- what is this? What does this mean?
Q. Well, sir, I was asking you if you had any reason to know why Roger Hamblin would have sai that, and if you don't know, then the answer's "I don't know."
A. Well, I might know if you tell me what it

4 means. I'm not sure what it means or what it doesn't 25 mean.
$7 \quad$ Q. And Paul Jones -- Paul -- you hired Paul 8 Jones to represent customers in audit before the IRS; 9 correct?
10 A. Yeah.
Q. Actually, I take that back.

To represent them in tax court; right?
A. Well, whatever. I just hired the -- I'm
not -- I wasn't aware of how the tax court or how the tax program worked, and I would not have been a good person to talk to about it because I would not have understood it. I'd never been audited myself, so I -so I hired an attorney that was a tax attorney --
Q. Right.
A. -- to handle those -- to handle that information.
Q. And you're paying his fees?
A. Yeah. So I wouldn't give out -- I
wouldn't give out legal opinions, nor would I give out tax advice.

Page 284
1 Q. You are paying for Don Reay to represent Greg Shepard and Roger Freeborn; correct?
A. Correct, yeah. Want me to tell you how I feel about it?
Q. And Matt Shepard as well?
A. Do you want me to tell you how I feel about it?
Q. No. Matt Shepard as well?
A. Yeah.
Q. And Richard Jameson?
A. I don't know Richard Jameson, but maybe. Yeah, probably.
Q. Oh, I'm sorry. That's not Mr. Reay, I don't think. I withdraw that question.

What was your first notice that the IRS was disallowing deductions and credits?
A. I think when the -- when they were going to put me in jail for 50 years, they said.
Q. So would that have been summer 2012?
A. I imagine. I didn't even know they were upset before then, so I don't know.
Q. Did you tell the sales people to stop
letting people know about depreciation and tax credits after that happened?

1 A. No.
Q. So what, if anything, did you do, meaning did you change your conduct in any way?
A. No, I did not, because I didn't think I was guilty. And they -- and they came back and said I wasn't guilty. They said I was okay.
Q. So what, if anything, did you do in terms of how, if at all, did you change your conduct --
A. Didn't.
Q. -- after --
A. Sorry.
Q. -- after the complaint for injunction was
filed in this case?
A. Nothing. I didn't think I was guilty

Page 286
before and I didn't think I was guilty now.
Q. And, Mr. Johnson, you've said before that you believe the IRS has exonerated you?
A. Well, they gave me my tax credit.
Q. So that's what I want to understand. Who

6 -- how did you arrive at that understanding?
7 A. Paul Jones.
8 Q. Paul Jones?
9 A. Uh-huh.
10 Q. What did Paul Jones tell you?
11 A. He told me that they -- they gave me my 2 tax credits.
Q. And when you say they gave you your tax credits, you mean the IRS?
A. The IRS.
Q. And what do you mean when you say the IRS gave you your tax credits?
A. Just that they allowed them.
Q. For what tax year?
A. Well, the tax year they weren't doing the audit. So...
Q. When did Paul Jones tell you that?
A. When they -- when they did it. I don't
remember the date.
Q. Was it last year?

1 A. Whenever they got through and give it to 2 me. I'm not sure -- I'm sure you got the records, but 3 Idon't.
4 Q. Well, sir, I'm trying to understand what 5 your recollection is.
$6 \quad$ Was it ten years ago?
7 A. Okay. No, it wasn't ten years. No. It
8 was -- it was last year.
9 Q. It was within the last year?
10 A. But I don't know when. I don't remember when.
Q. And did Paul Jones simply say that the IRS allowed your tax credits?
A. No. He showed me.
Q. Did he say the IRS has exonerated you? Is that what he said?
A. Well, no, he didn't say that. I
interpreted it to mean that. That's my -- probably my
words, not his. But he -- but I felt like that that's
-- that is, if you allowed them, then I would assume
that exonerate would mean the same thing as allowed,
but maybe I'm wrong.
Q. Do you have anything in writing from the IRS to that effect?
A. Yeah, they -- they -- the letter that

Page 288
1 Paul Jones has, and I'm sure they sent me one, but I
2 never read it.
3 Q. Have you produced that letter to the
4 United States?
5 A. No. I assume Paul Jones, if you ask him, 6 would do that. I assumed you had it.
$7 \quad$ Q. Well, I'm going to ask you to produce 8 that letter to the United States.
9 A. Fine, l'll ask Paul Jones to give it to
10 me. I probably had it, but I probably threw it away.
11 I figure that's what I pay my attorney to do is read
12 those things, not me.
13
MRS. JOHNSON: Are you going to have a
14 list of everything that I need to give to you?
15 MS. HEALY-GALLAGHER: I'm going to talk
16 with Mr. Snuffer after the deposition.
17 MRS. JOHNSON: You make sure.
18 MR. SNUFFER: Right. I haven't commented 19 on any of this.
20 Q. BY MS. HEALY-GALLAGHER: Mr. Johnson, 21 have you ever, other than any situation with the IRS 22 in 2012, have you ever been arrested?
23 A. Yeah, I was arrested.
24 Q. Have you ever been convicted of any
25 crime?

1 MS. HEALY-GALLAGHER: All right. At this 2 time I have no further questions.
3 MR. SNUFFER: And I don't have any questions.
5 THE WITNESS: Thank you for making it as pleasant as possible.

MS. HEALY-GALLAGHER: All right.
THE WITNESS: I hope we didn't -- I
didn't offend you and make you feel like you weren't
welcome in Utah.
MS. HEALY-GALLAGHER: We're off the
record.
(There was a discussion held off the record.)
MR. SNUFFER: I think I'm going to need a copy of this.
(The deposition was concluded at 5:19 p.m.)
wouldn't hurt me or him. And he's bigger than I. He was a police officer.
Q. So, sir, were you arrested in connection
with a domestic dispute?
A. Yeah. So he --
Q. Okay.
A. -- so he -- he said, you know, that I
started it, but I didn't. And so they let it go
because he started it.
Q. Do you have any other arrests?
A. No, I don't have anything, that I know
of.
Q. Okay.
A. Other than traffic tickets.
Q. Are there any answers to any of my
questions that you wish to change or amplify at this time?
A. No, I don't have anything.

MS. HEALY-GALLAGHER: Okay. We'd request that he read and sign.

MR. SNUFFER: Yeah.
THE WITNESS: Do I do what?
MR. SNUFFER: Read and sign the
deposition transcript when it's done.
THE WITNESS: Oh, yeah, that's fine.

Page 292
Case: USA v. RaPower-3, et al.
Case No.: 2:15-cv-00828-DN-EJF
Date: June 28, 2017
Reporter: Vickie Larsen, CSR/RMR
WITNESS CERTIFICATE

NELDON JOHNSON

12

| 1 | Reporter's Certificate |
| :--- | :---: |
| 2 | Page 293 |
| 3 | State of Utah |
| 4 | County of Salt Lake ) |
| 5 |  |
| 6 | I, Vickie Larsen, Certified Shorthand |
| 7 | Reporter and Registered Merit Reporter, in the State of |
| 8 | Utah, do hereby certify: |
| 9 | THAT the foregoing proceedings were taken |
| 10 | before me at the time and place set forth herein; that |
| 11 | the witness was duly sworn to tell the truth, the whole |
| 12 | truth, and nothing but the truth; and that the |
| 13 | proceedings were taken down by me in shorthand and |
| 14 | thereafter transcribed into typewriting under my |
| 15 | direction and supervision; |
| 16 | THAT the foregoing pages contain a true |
| 17 | and correct transcription of my said shorthand notes so |
| 18 | taken. |
| 19 | IN WITNESS WHEREOF, I have subscribed my |
| 20 | name this 10th day of July, 2017. |
| 21 |  |
| 22 |  |
| 23 |  |
| 24 |  |
| 25 |  |

## Transcript Word Index

[\& - 2002]

| \& | 11-15-2010 | 16 | 1882 |
| :---: | :---: | :---: | :---: |
| \& | 251:11 | 3:20 14:8,9,9,10 89:18,25 | 182:10 |
| 2:12 3:24 64:9 72:3,8,25 | 12 | 91:4 173:7,14,19 174:21 | 1883 |
| 241:24 243:6,17 259:22 | 5:20 26:18 88:21 89:11,18 | 175:17,19,20,20 176:1,9 | 182:10 |
| 260:16,18,19 264:22 | 134:17 139:21 | 186:1,6,7,9 | 1884 |
| 273:13,19 274:3,11 | 12:25 | 1603 | 182:11 |
| 0 | 126:11 | 264:16 265:1,3,9,16 266:13 | 1885 |
|  | 12:41:12 | 267:19 268:21 | 182:11 |
| 0 | 97:18 | 1658 | 1887 |
| 101:4 108:6 201:7 | 12:41:14 | 250:19 | 182:14 184:8,9,9,21 |
| 00 | 98:1 | 17 | 1889 |
| 148:2 | 12:46:19 | 3:22 14:8 173:12,14,19 | 184:22 |
| 00024 | 201:12 | 174:23 176:24 177:3,14 | 189 |
| 257:8 | 121 | 184:5,20 186:2,4,9 | 3:14 |
| 00171 | 4:4 223:25 | 172 | 1890 |
| 276:9 | 12-28-2010 | 276:10 | 184:5 |
| 00177 | 4:22 | 173 | 19 |
| 225:2 | 126 | 3:20,22 | 24:2,3 177:5 |
| 00195 | 5:8 | 18 | 192 |
| 219:10 | 13 | 99:6 101:4 108:6 111:13 | 4:24 |
| 00203 | 3:16 99:6 216:4,7 | 181:25 182:11 184:7 228:5 | 1946 |
| 221:14 | 13:01:38 | 1800 | 13:19 |
| 00-4-23 | 88:23 | 1:19 | 1964 |
| 88:21 | 13:17:30 | 181 | 17:14 18:7 |
| 00828 | 90:1 | 4:6 227:18,24 | 197 |
| 1:5 292:2 | 13:17:42 | 18-2 | 4:25 |
| 08134 | 90:17 | 97:17 | 1990s |
| 281:1 | 13:18:2 | 185 | 24:3 |
| 1 | 91:5 | 4:7 228:20 229:11 | 2 |
| 1 | 13:2:16 | 1869 | 2 |
| 89:25 104:9 124:11 264:20 | 89:12 | 178:20,23 | 3:14 19:2 91:4 97:17 99:6 |
| 272:1 | 13:2:39 134:20 140:3 145:10 | 1870 , | 111:13 185:13 189:15,18 |
| 1:31 | 134:20 140:3 145:10 | 181:6,7,12 | 189:21 191:2,17 193:8 |
| 126:11 | 13:24:25 | 1871 | 2:15 |
| 10 | 96:12 | 181:11,14 | 2.1:5 292:2 |
| 4:20 5:3 38:21 42:23 43:12 | 13:28:16 | 1872 180:15 2181.21 |  |
| 43:17,20 45:5 53:1 79:18 | 89:19 | 180:15,20 181:21 | 5:18 163:6 164:1,2 177:24 |
| 79:25 82:17 $201: 7$ 258:9 | 14 | 1873 | 208:6 |
| 271:15 | 3:17 217:7,14,16 | 180:20 181:21 | 2000 |
| 10,000 | 14:19:12 | 1874 | 25:21 26:2 31:10 56:8 |
| 199:7 | 102:7 | 181:24 | 136:2 148:15 154:2 155:12 |
| 10047057 | 14:19:7 | 1875 | 155:13 176:12,13 183:5,7 |
| 204:24 | 101:5 | 181:25 | 247:19,20 273:25,25 |
| 10-2 | 14:21:22 | 1876 | 2000-2001 |
| 91:4 | $111: 14$ $14.21: 28$ | 1877:1 | 28:24 |
| 103 | 14:21:28 | 1877 | 2000s |
| 4:2 225:12 | 112:2 | 182:1 | 34:5 183:14 |
| 10885 | 14:21:51 | 1878 | 2001 |
| 2:12 | 99:6 | 182:1 | 16:4,9,22 17:18,21 18:12 |
| 10th | 14-0 | 1879 | 18:13 24:2 25:21 26:2,3,11 |
| 258:4 293:20 | $15^{108: 6}$ | 182:9 | 64:20 155:14 183:12 |
| 110 | 15 | 1880 | 185:12 |
| 93:24 | 3:23 4:10,13 89:11 134:17 | 182:9 | 2001-2002 |
| 111 | 202:14 | 1881 | 64:11 72:3,24 |
| 1:18 | 15:24:24 | 182:10 | 2002 |
|  |  |  | 34:10,20 64:20 148:15 |


| 2002 (cont.) | 211 | 270 | 34-0 |
| :---: | :---: | :---: | :---: |
| 153:11 155:14 183:13 | 3:15 | 4:19 | 101:4 |
| 2004 | 216 | 27-2 | 35 |
| 148:15 | 3:16 221:14 | 111:13 | 178:16 |
| 20044 | 217 | 2730 | 355 |
| 2:6 | 3:17 | 8:10 | 4:9 263:3 |
| 2005 | 218 | 276 | 356 |
| 3:23 33:19,20 34:10 64:4,5 | 5:10,12 | 5:17 | 4:12 261:6 262:20 |
| 64:14,20 65:4,7 66:1,19 | 22 | 277 | 357 |
| 154:3,4 176:17,18,19 | 3:23 148:2 243:10 | 4:20 | 4:15 264:6,12 |
| 183:11 229:23 230:5 | 223 | 28 | 360 |
| 2005-2006 | 4:4 | 1:22 6:1 239:6 292:3 | 4:16 241:18 |
| 154:10 | 225 | 280 | 362 |
| 2006 | 4:2 | 5:19 | 4:18 269:19 |
| 136:2 155:21,22 159:7 | 227 | 28th | 367 |
| 164:11,13 183:24 184:1 | 4:6 | 6:10 | 4:19 270:17,24 |
| 189:24 212:16,17,18,21,24 | 228 | 29 | 37 |
| 2007 | 4:7 | 178:10,11 | 14:17 178:22,24,25 |
| 33:19,20 34:20 56:8,9,11 | 23 | 3 | 370 |
| 56:17 60:14 71:16 136:2 | 249:18 250:23,24,25,25,25 | 3 | 4:20 277:19 |
| 164:11 213:1,2,4 243:4 | 251:1,3,22 | 1:72:9 3:15,15,16 4:4 5:10 | 38 |
| 2008 | 237 | 6:10 7:9 40:18 44:5,7,15,25 | 178:18 181:7 |
| 4:3 79:25 82:23 136:2 | 4:22 | 45:9,11,17 46:4,5,9,25 47:5 | 38-1 |
| 213:8,11,14 226:12 228:5 | 23a | $47: 8,14,18,19,2254: 13$ | 89:25 |
| 2009 | 3:25 249:4,6,8,9,21 250:15 |  | 383 |
| 109:7 | 250:22 251:15,23 | 73:25 74:1,8 80:14 81:2 | 4:22 237:17 |
| 2010 | 24 | 183:13 185:13 210:16 | 38-5 |
| 3:25 26:18,20 27:2 103:23 | 159:17 | 183:13 185:13 $210: 16$ | 134:17 |
| 106:2 109:7 136:21 139:20 | 241 | 220:14 221:3,21,24 222:1 | 39 |
| 176:14,19 183:8 199:22 | 4:16 | 220.24 223:4,9,10,14 224:8 | 111:13 178:18 |
| 213:8,14 239:6 249:22 | 24-12 | 224:13 225:3 253:25 | 3's |
| 251:16 254:5 274:1,4 275:6 | 89:18 | 257:16 276:15 292:1 | 83:17 |
| 2011 | 243 | 3,500 | 4 |
| 49:5 136:21 139:21 213:20 | ${ }_{245}$ | 206:16,18 | 4 |
| ${ }_{2012}^{214: 5,7,8,14} 274: 1,4275: 6$ | 245 | 3.com | 87:24 88:21 134:17 183:13 |
| 2012 4:10,13 26:20 27:2 49:6 | ${ }^{\text {5:15 }}$ | 47:16 185:16 216:22 | 192:20 226:12 |
| 4:10,13 26:20 27:2 49:6 | 249 | 3.com. | 40 |
| 187:8,18 199:20 210:22,23 | 3:25 | 216:8 | 91:4 148:2 |
| 213:20 284:20 288:22 | 2500 | 3.net | 4000 |
| 2013 | 149:9 | 47:20,24 220:16 | 8:10 |
| 5:18 187:8,18 214:17,18,19 | 257 | 30 | 409 |
| 214:23 215:4 258:4,9 | 5:1 | 4:2 42:23 53:10 231:18 | 201:7 |
| 273:18 | 26 | 265:4 |  |
| 2014 | 257:8 | 31 | 43:2,3,3 89:18 |
| 4:20 5:20 215:10,11,19,22 | 261 | 13:19 43:3 97:17 178:11 | 42 |
| 278:7,17 | 4:12 | 229:23 | 5:2 |
| 2016 | 263 |  | 4-38-5 |
| 42:23 | 4:9 | 43:1,3,3 | 89:11 |
| 2017 | 264 | 322 | 44 |
| 1:22 6:1 87:24 118:21 $192 \cdot 20$ 250:9 251:25 292.3 | 4:15 | 277:20 | 148:2 |
| 192:20 250:9 251:25 292:3 | 267 | 32-8 | 460 |
| 292:14 293:20 | 5:16 | 95:19 | 4:24 192:16 193:14,21 |
| 202 | 269 | 32's | 194:18 |
| 219:11 | 4:18 | 43:4 | 461 |
| 202.353.2452 | 27 | 33 | 4:25 197:21,24 |
| 2:7 | 178:9 | 178:11 |  |

Johnson, Neldon
[47 - agreement]

| 47 | 59 | able (cont.) | add |
| :---: | :---: | :---: | :---: |
| 201:7 | 89:25 | 226:18 269:20 289:10 | 73:16 202:11 204:9 281:17 |
| 47-0 | 6 | absolutely | 281:25 |
| 201:7 | 600 | 44:3 97:16 263:25 | added |
| 480 | 104:15 | absorb | 208:13 |
| 5:1 257:7 258:20 | $64$ | 147:18 | adding |
| 4th | 6417:14,14 18:5 | academy | 94:8 |
| 89:16 91:12,16 92:9 95:4 | 7 | 21:5 | additional |
| 95:10 96:1 99:1 102:3 | 7 | accept | 11:12 |
| 111:18 144:24 160:9,11,17 | 700 | 132:16 | address |
| 192:24 197:25 198:4 | 68:17 161:24 | access | 8:2,8,10,11,15,17,20 19:9 |
| 201:17 | 71 | 105:9,10 107:8,9 122:20 | 19:12,13,15 20:1,4 |
| 5 | 13:22 | 205:23,25 220:12 | addressed |
| 5 | 7238 | accomplish | 271:18 |
| 34:20 | 2:5 | 71:2,5 117:23 118:21 119:4 | addressees |
| 5:19 | 8 | 124:25 | 257:16 |
| 291:16 | 8 | accomplished | admin |
| 50 | 3:5 95:19 | 117:25 | 128:21 |
| 81:4 231:19 284:19 | 80 | account 82:4 | administration 128:17 129:12 130:4 |
| 500 266:17 | $\begin{aligned} & 36: 8 \text { 37:7,13 149:3,6 } \\ & 154: 19,20 \end{aligned}$ | accounting | ads |
| 507 | 801.576.1400 | 208:21 243:18 244:4 | 240:2,5,7,10 |
| 5:2 42:3,5,8,22 | 2:13 | accounts | advantage |
| 508 | 8143 | 85:1 | 144:5,6 147:15 |
| 5:6 57:11,14 58:9 | 281:2 | accuracies | advantages |
| 509 | 82 | 40:5 | 156:16 |
| 5:7 87:16,19 | 262:3 | accurate | advertising |
| 510 | 8-31-11 | 12:13 23:19 43:22,23,25 | 232:18,19 239:16 |
| 5:8 126:12,25 127:5,8 | 5:16 | 44:1,3 45:6 89:15 91:11,15 | advice |
| 128:3 | 84070 | 95:25 97:21 99:9 102:2 | 235:21 283:25 285:4,12 |
| 511 | 2:13 | 111:17 120:8 192:22 198:2 | advise |
| 5:10 218:17 219:3,19 | 84111 | 201:15 245:4 256:10,11 | 248:4 |
| 221:16,18,22 | 1:20 | 276:13 | advised |
| 512 | 87 | accurately | 278:21 |
| 5:12 218:17 $221: 7,7$ 222:6 | 5:7 | 13:12 40:13 89:22 | agencies |
| 222:8,11 | 8a | acid | 30:14 |
| 513 | 3:15 211:17 | 152:7,9,9 | agency $30 \cdot 1215122 \cdot 1$ |
| 5:15 245:15,17,23 | 9 | acquiring $131: 23$ | 30:12,15 122:1 <br> aggravated |
| 514 $5: 16 \text { 248:24 267:7,8 }$ | 930.2579 .2582 .2307 .17 | acronym | 256:24 |
| $515$ | 3:25 79:25 82:23 97:17 | 35:11,18 | ago |
| 5:17 276:2,3,5,14 | 249:22 251:16 | act | 15:24 17:12 18:3 24:1,4 |
| $516$ | 9,000 | 45:17 54:18 | 30:7 48:9 64:3 103:15,16 |
| 5:19 280:22,24 | 246:8,11,14 | acting | 103:21 106:1 109:6 124:2 |
| $52$ | 9:10 | 45:13,21,22 46:6 265:13 | 131:22 176:11 183:2,3 |
| 99:7 | $0^{1: 236: 1,11}$ | action | 186:18 287:6 |
| 57 | $90$ | 41:5,6 | agree |
| 5:6 95:19 101:4 108:6 | 12.5263 .5 | vate | 112:10 128:24 140:1,5 |
| 201:7 | a | 103:2 | agreed |
| 5714 | a.m. | active | 106:19 133:8 |
| 127:5 | 1:23 6:1,11 | 102:15 231:16 246:25 | agreement |
| 583 | ability | 247:2 | 4:5,6 5:11,13 65:7,12 71:7 |
| 212:1 | 119:8 231:9 279:14 | acts | 71:20,24 78:5,9 80:10,12 |
| 58-3 | able | 45:11,11 | 129:13 130:6,6 131:8,23 |
| 99:6 | 13:11 83:21,25,25 121:12 | actual | 133:1,4,14 219:7 220:12 |
| 99.6 | 129:10 142:22 216:5 | 130:6 135:11 139:7 159:14 | 222:12 224:24 225:9 |

## [agreement - attorney's]

agreement (cont.)
227:25 262:18
agreements
65:6 131:19 132:19,22
133:19 220:6,9 221:21
ahead
11:6 42:8 227:23 241:6
245:21 272:24
al
6:10 292:1
alcoholic
13:14
alive
102:15,19
allocated 190:22
allow 121:17 128:15 229:21
allowed
65:18 286:18 287:13,20,21
allows
51:11 104:23
alluding 230:25
alternative 226:7,16,24 227:6
america 1:4
amount 116:9,14 129:3 138:14 208:16 238:20 260:4 275:14
amounts 119:13,14
amplify 126:21 290:16
analysis 175:4 177:25 178:4,11,12 180:12,14,16,17 182:8,9 184:10,10,14,21 186:13,14 232:6
analyzed 178:5
anderson
4:1 48:24 49:9 248:14,16 249:12 250:1 251:4 252:3,9 252:22 255:3 256:4,18 257:1,1,8
anderson's 257:11
angle 193:22,24 194:21
answer
9:19 10:6,14 11:5,6,10,14 12:1,9 13:11 21:21,22 22:11 24:17 31:7 41:15
answer (cont.)
56:13 78:16 114:20 117:2 118:18 131:3,12 153:2 154:1 159:2 168:5 171:25 172:2,13 177:6,11 209:3 211:20,23 224:3 227:22
241:6 245:19 263:7 267:10 276:6
answered 183:20
answering 10:11 11:24 12:16
answers
9:16 10:18 44:20 73:15 118:16 126:20 133:3 165:8 218:25 290:15
answer's 282:21
anticipated 178:18
anticipation 203:25
anybody
51:6,14 110:11 169:8 171:7
171:23 172:3 188:3 237:8 238:14 239:13 244:20 256:7 260:5 275:25 280:7 280:14 285:12
anymore
77:1
anyway
32:18 70:9 227:13 237:7
253:20 260:13 261:11
273:17 279:8,18
apart 193:12
apologize 35:10 36:16 40:11
apparently 272:10
appear 97:21 98:16 128:7 201:15
appearance
6:16
appeared
91:16
appearing 6:13 7:15
appears
96:16 108:5 216:7 219:18 225:8,23 229:7,11,21
257:14
applicable
7:2
applications
63:3

| applied | asked (cont.) |
| :---: | :---: |
| 200:9,25 203:20 220:1,5,8 | 168:6 187:10 209:9 223:18 |
| 254:22 265:12 | 227:5 236:20 242:1 245:11 |
| apply | 257:4 259:6 260:1 264:23 |
| 6:23 199:11 265:9 | 273:2 275:12,24 281:17,25 |
| applying | 289:19,20 |
| 199:16 202:21 203:23 | asking |
| appreciate | 10:13,16 28:5 114:18 |
| 261:4 | 117:24 118:1,17 130:16 |
| approached | 140:20 143:22 148:17 |
| 252:4,21 | 189:3 195:1 209:7 227:2 |
| appropriate | 238:25 241:15 273:5 282:8 |
| 50:12 | 282:19 |
| approval | aspect |
| 268:21 272:24 | 72:18 |
| approved | aspects |
| 264:17 265:15,22,25 266:3 | 61:18 62:4,9,19 |
| 266:4,8,13,16 267:19,25 | ass |
| 268:2,7,23 | 258:12 |
| approximately | assessment |
| 6:11 17:13 34:17 49:1 91:5 | 20:20 |
| 95:21 97:18 101:5 | assets |
| approximation | 39:11 |
| 93:5,6 | assigned |
| april | 72:13 |
| 5:20 87:24 89:16 91:12,16 | associated |
| 92:9 95:4,10 96:1 99:1 | 47:18 243:2 |
| 102:3 111:18 144:24 160:9 | assume |
| 160:11,17 192:20,24 | 47:9 76:13 174:19 274:14 |
| 197:25 198:4 201:17 | 287:20 288:5 |
| area | assumed |
| 16:19 136:3 158:10 191:12 | 288:6 |
| 191:13 | attached |
| areas | 67:18 262:19 264:22 |
| 33:12 | attachment |
| arises | 4:11,14,15,18,19 5:21 |
| 8:3 | 270:6 282:16 |
| arm | attachments |
| 289:23 | 264:9 |
| arranged | attack |
| 84:3 | 238:15 |
| arrangements | attempts |
| 83:15 | 164:22 |
| arrested | attention |
| 288:22,23 289:2 290:3 | 19:20 49:11 71:4 98:5 |
| arrests | 190:1 274:20 |
| 290:10 | attorney |
| arrive | 11:2,4 27:7 51:22,25 73:22 |
| 153:19,21 208:8 286:6 | 134:8 236:2,3 248:19 |
| article | 252:22 253:1,23 265:13 |
| 3:21 217:8 | 283:2,4,5,18,18 288:11 |
| aside | attorneys |
| 110:5 | 27:6 174:19 250:8,9 |
| asked | attorney's |
| 10:12 $41: 24$ 48:14 49:23 | 1:17 226:20 |
| 51:25 69:13 73:18 75:9 |  |

[attractive - boring]

| attractive | back (cont.) | behalf | bills |
| :---: | :---: | :---: | :---: |
| 232:15 | 98:2 107:19 116:20 121:8,9 | 6:14,18 7:16 29:2 45:24 | 289:10 |
| audio | 121:11 123:12,19 124:6 | 46:4,7,9 47:14,22 53:15,18 | bind |
| 5:7 101:9 | 125:11 126:6,13,15 134:11 | 54:5,6 55:24 56:2,16 74:5 | 223:3 |
| audit | 138:8 144:4,19 148:12 | 74:13 77:4,6,10 80:2,6 84:4 | bio |
| 283:8 286:21 | 150:25 155:7 157:7 158:9 | 84:6 124:3 223:10 228:11 | 58:19 |
| audited | 163:6,9 173:8,9 175:16 | 229:3 263:20 265:13 | birrell |
| 283:17 | 182:18 185:25 189:16 | believe | 4:21 269:23 270:4 271:19 |
| august | 195:19 197:11 204:7 | 12:18 13:13 16:16 17:14 | 271:19 272:1,7,15,24 273:3 |
| 3:23 4:10,13 | 218:18 $221: 16$ 222:5 | 20:6 21:14 23:1 26:6,11,13 | birrell's |
| authority | 223:20 231:9 232:19,19,24 | 26:13 29:7,14 32:15 37:18 | 279:5 |
| 47:14 131:17 | 233:2 244:2 249:1 251:14 | 37:21 38:11 39:7,10 41:1 | birth |
| authorization | 252:2 254:4 264:3 266:3 | 43:21,24 44:21,22 47:17,21 | 13:18 |
| 105:6,12,16,18,19 129:24 | 283:11 285:16 289:16,23 | 52:2 56:14,15 63:24 64:21 | bishop |
| authorize | background | 65:16 66:22 67:5 72:5 | 13:17 |
| 278:11 | 15:22 59:5 274:9,13 | 73:23 74:18 77:2 78:3,13 | bit |
| authorized | backward | 79:21 80:11 88:11 94:3 | 9:11 20:10 48:20 76:10 |
| 49:14 219:25 220:4,7 | 144:4 | 95:2 111:12 112:3 129:12 | 88:15 96:17 129:18 158:19 |
| 263:19 275:24 | bad | 136:4 139:23 177:13 190:3 | 250:11 289:25 |
| authorizes | 158:20 | 201:21 210:21 214:2 | black |
| 129:25 | badger | 236:15 240:3 253:18 | 38:10 |
| automated | 111:9 | 261:22,22 281:19 283:5 | blacknight |
| 1:7 2:10 5:4 7:9 18:16 | ball | 286:3 | 36:24 37:17 38:2,10 39:5 |
| 20:13 35:2,13 46:22 58:17 | 117:25 | believed | 40:22 44:14 |
| 67:17 80:11 135:24 138:17 | bank | 177:1 | blaine |
| 138:23 139:18 166:23 | 82:3 157:12 | bell | 43:6 |
| 169:2 197:18 198:13 | barely | 246:13 | block |
| 225:17 226:9 228:12 | 216:16 | ben | 128:20 |
| 272:22 | barnett | 2:6 | blown |
| automatic | 3:24 243:17,23 244:2 | benefit | 122:23 |
| 0:1 | base | 235:13 240:1 | blt |
| automatically | 119:22 140:1 232:20 | benefits | 18:17 |
| 101:14 144:9 | based | 240:20 243:2 247:13 248:5 | bluffdale |
| automation | 149:11 182:16 279:4 | 248:14 252:5 278:21 | 72:10 |
| 29:14 | basic | 279:20 | board |
| automobile | 40:9,10 | benne | 40:7 41:8,10 59:23,24 60:2 |
| 162:19 | basically | 257:15 | 89:22 102:10 108:13 |
| availability | 40:11 54:14,16 102:11 | best | 186:13 |
| 184:25 | 140:15 180:12 185:10 | 31:4 161:4 199:2 $248: 9$ | bodies |
| available | basis | better | 163:6 |
| 43:20 77:18 121:6 129:22 | 85:15 237:12 | 10:24 60:8 86:13 138:22,22 | body |
| 200:4 240:14 | bates | 189:5 212:12 247:8 | 271:18 |
| avoid | 57:14 127:5,20 211:25 | beyond | bonus |
| 111:8 138:22 | 219:9 221:13 237:20 | 182:12 259:13 268:16 | 229:11,17,22 230:13,18 |
| avoided | 245:23 250:18 257:7 262:3 | bid | 231:25 233:3,21,24 234:10 |
| 129:4,8 | 276:9 | 132:17,17 | 234:13,17,18 235:6,24 |
| aware | bbs | big | 236:16 237:1 |
| 29:4 49:4 185:15 210:17 | 196:5 | 69:19 123:8 146:20 195:6 | bookkeeping |
| 223:21 230:9 250:2 283:14 | bears | 198:15 262:14 275:21 | 54:17,20 55:3,8 81:14,20 |
| b | 251:15 | bigger | 82:1,2 83:10 84:14 208:9 |
|  | beaver | 290:1 | 208:10 |
| $94: 24,2595: 1$ | 72:10,15 | biggest | books |
| back | beginning | 232:14 | 20:9 85:10 289:11 |
| 16:24 21:8 29:18,18 30:8 | 89:12,19 90:1 91:5 95:20 | bill | boring |
| 31:12,13,15 40:23 48:19 | 96:11 97:18 99:6 101:5 | 242:4,11,12,23 245:7,8 | 73:21 78:19 197:13 211:14 |
| 58:6 64:11 73:10,12 91:18 | 111:13 |  |  |

[bottom - chose]

| bottom | built | called | certified |
| :---: | :---: | :---: | :---: |
| 175:21 177:4 179:4 270:23 | 89:8 136:13 153:12 163:5 | 6:5 35:2 36:23 37:16,17 | 107:12 293:6 |
| 271:4,9 272:9 | 168:13 203:6,7,10 215:19 | 44:5 52:6,8,13,21 55:16 | certify |
| bought | bunch | 88:12 116:7 132:11 136:16 | 293:8 |
| 70:4 87:10 103:16,20 | 147:11,12 162:14 200:15 | 167:7 216:11 260:9,18 | cesium |
| 114:10 137:23,23 147:11 | 275:18 | calling | 94:19,19,22,23 |
| 147:12,14 168:23 198:8,11 | burden | 116:4 | chance |
| 198:12,15,21,22 199:3,4 | 119:23 | calls | 57:17 58:10 219:4 270:20 |
| 215:16 232:25 243:1 275:3 | buried | 41:13 209:2 | chances |
| 275:12 289:5 | 99:20 100:2 | camera | 19:25 207:4 232:12,13 |
| boulder | burned | 90:24 | change |
| 70:8,9,9 | 157:13,16 | capacity | 73:16 75:8,9,11,16 76:16 |
| bound | burner | 12:17 121:13 259:13 | 126:21 144:3,18 149:18 |
| 223:8 | 58:19 91:9,9,10,10,12,18 | capital | 155:7 160:6 161:9 163:2 |
| box | 91:24 92:1,3,5 94:10 | 137:22 138:5 | 198:9 223:12 278:20,25 |
| 2:5 99:14,15 100:2 102:8,9 | burning | captured | 279:2 285:14,19 290:16 |
| 102:11 103:5,9 107:14 | 89:23 | 192:20 | changed |
| 108:5,11 115:19 116:4 | burnt | care | 74:17,24 75:3,21 76:3,15 |
| boy | 166:6 | 13:8 15:7 54:9,17 81:14,17 | 94:11 95:8 149:11 169:24 |
| 25:12 | business | 259:20 278:19 | 198:7 234:15 278:24 |
| boys | 17:24 18:1 57:2 75:6,18 | careful | changes |
| 14:4 | 85:18 118:24 119:3 122:17 | 218:4 | 165:6 279:4 |
| brand | 138:13 242:21,22 247:3 | carefully | changing |
| 147:2,7,9 162:2 232:3 | 254:10 258:9 259:10,15 | 174:3 | 17:1 |
| break | 260:6,19,22 274:24 275:17 | carry | characteristics |
| 12:4,5,9 67:1,2 72:2 73:8 | 277:12 | 34:25 116:14 | 135:13 148:22 |
| 73:13,20 107:18 126:10,16 | businessman | case | charge |
| 126:18 189:1 193:11 | 277:12 | 6:9,20 12:14 72:20 73:3,20 | 267:19 |
| 202:16 218:15,16,20,22 | buy | 126:18 156:3 218:21 | charged |
| 263:24 264:2 | 87:6 114:13 129:14,20 | 223:12 285:24 292:1,2 | 243:21 275:14 |
| breakthrough | 130:2,6,7,13 132:9 133:5,9 | casual | charts |
| 3:20 173:22 | 150:23 162:5 172:11 198:6 | 10:9 | 178:6 |
| brenda | 198:6,14,14 204:13 205:15 | caught | check |
| 15:3 | 206:1 207:13 220:13,24 | 289:21 | 81:20 161:4 |
| bring | 231:25 248:1 | cause | checked |
| 188:6 211:5,8 | buying | 94:10 | 106:19 |
| brings | 129:16 139:7,7 192:3 | causing | checks |
| 96:9 | 240:12 | 119:22 | 55:2,8 81:16 |
| brochure | buys | cease | chemical |
| 3:14 | 192:2,4,4,7,13 197:16 | 5:1 | 68:9,14 |
| brought | byu | center | chemically |
| 31:16 49:10 154:3 262:13 | 22:20 24:14,25 25:1,5,8,10 | 4:1 52:21 53:4,5,6,12,14,16 | 142:23 |
| 278:13 | 26:9,14 27:1,9,11,15,17,23 | 53:19,21 54:1,3,5 74:11 | children |
| bryan | 28:3,5,7,20,21 29:1,3 33:3 | 86:23 136:17,18 196:24 | 14:3,4,23 15:12 |
| 4:16 | 186:12 252:17 | 202:20,25 203:3 | china |
| btus | C | central | 120:6 |
| 148:2 | calculated | 1:2 18:17 | chloride |
| bubbles | $231: 11,17$ | ceo | 93:8,8 |
| 196:5 | calculations | 46:22 229:8 | choice |
| build | 187:14 | certain | 87:8 232:21 |
| 111:1 125:6 135:15 163:25 | california | 40:17 48:14 49:22 51:12 | choose |
| building | california 131:11 260:9 | 88:11 120:12 129:15 133:9 | 164:8 192:10 200:10 |
| 100:4 145:1 268:20 | call | 172:20 206:22 231:22 | chooses |
| buildings |  | 238:20 275:14 | 192:9 |
| 99:18,23 |  | certificate | chose |
|  | 120:17 129:2,5 132:8,15 | 16:10 292:6 293:1 | 231:4,24 259:22 |

## [chosen - connect]

chosen
87:10 119:25
chris
2:4 56:23 58:23 59:1 77:1,2
christian 282:7
christopher 7:18
christopher.r.moran 2:8
cia
32:3
circle 190:10
circuit
102:13 106:16,22 107:8,15
108:9,10,13 109:20 115:19
circulated
277:9
city
1:20 8:14 63:24 65:16,21
70:7,8,10 210:21
civil
1:57:22
claim 165:16 236:17
claiming 281:25
claims 3:18 218:1
clarify 11:13 46:1 233:16
classes
17:2,24 18:1,7
classified 45:20
classify 20:17
cleaned 154:7
clear
11:16 45:21 69:17 108:2
130:11 152:12 156:21
175:14
clement
4:9,12 261:9,13,20,23
262:4,13 263:19 264:13,21
270:5
client
6:25 274:18
clients 275:16 279:13
clinton 128:17,21 129:11 130:3
clip
88:23 89:2,4,11,18,22,25
c

90:4,9,18,23 91:4,8,15
95:18,21,25 96:3,12 97:17
97:21 98:1,2 99:5 101:4
102:2 111:12,21 112:3
201:15,21
clips
134:12
close
13:23 69:15 213:18 256:16
258:8 262:11 277:4
closely
46:16 223:17
clothes
102:6
cloud 206:4
clouded 188:4
cloward
241:24 243:6
coagulate 94:10 154:8
coagulated 94:13 153:6
coal 73:4
coast 262:14
coating 148:25
cobblestone 18:16 52:21 53:4,5,6,12,13 53:16,19,21 54:1,3,5 74:11 86:23 136:16,18 137:8,9 138:11 139:1,5,10 195:16 196:24 197:19 198:6,8,12 202:20,25 203:2,3,11,13,20 203:25 204:6
codes 253:3,8
coincide 214:2
cold 12:23
collaborate 135:7,10
collect 140:25,25 147:5
collected 84:25
collection 141:22 142:1,3 158:2
collector 158:5
college
16:14, 14,24,25 17:24 28:1 29:15
colleges 28:16
com
220:17,18
combination 93:8 94:19 160:19
combine 282:6
combined 93:9
coming 17:10 96:13 102:17 142:4 145:11 159:14
commencing 229:23
commented 288:18
commercial
61:18 62:4,9,19 68:6
commission
5:3 15:19 42:14
commissions 247:25,25
companies 36:23 37:11 38:8,9 50:10 92:16 125:18,20,24 138:15 150:20,21 231:3,4,13,14,18 232:11,18 275:21
company
35:2,12,14 37:16,17 41:9 44:5 47:12 53:23 55:16 58:16 61:13,21 68:9 75:20 77:15 79:4 80:20 82:3 87:8 87:10 92:15,17,20,21 109:24 123:12,19,22 124:6 125:11 126:4 150:19 162:8 163:3 228:23 230:19 231:2 231:2,10,16,20 234:25 237:14 245:2 259:9,10,19 259:25 260:8 262:11,14 265:13 272:22 273:24 274:24,25 275:3,11 289:9
compete 3:21 173:23
complaint 285:23
complete
10:17 12:8 18:10 85:2 253:14
completed 267:22
completely 11:10

```
complex
    119:2,2
compliance
        121:23
complicated
        118:18
complimentary
        217:24
comply
        121:16
composition
        68:14 93:1,4
```

computer
84:16 151:6 188:22,24
201:3
computer's
188:22
concentrate
152:9
concentrated
141:19
concentrates
140:15
concentration
178:16
concentrator
140:9,11,15,18,21,24 141:2
141:12
concerned
238:19 269:13
concluded
291:16
conclusion
178:6 185:1
conclusions
180:19 182:15 185:1
condition
15:9
conditions
131:5
conduct
285:14,19
conducted
152:19
confirmation
268:10
confused
159:23,24 160:23 166:3
confusing
46:11
connect
63:18 98:20 100:21 108:12
112:5 113:12 115:25
116:24 117:10,14 118:6,22
121:12
[connected - cross]
connected
91:25 92:2 103:4,9 104:2 104:24 113:10,11 115:2,5,7 115:11,16,20 122:24
145:20,22 205:2,6 212:11
connecting
63:6 112:17 118:6
connection
103:2 107:4 113:23 114:1 290:3
considerable 62:25 138:14
considered
18:15,24 20:11 21:19 148:7
constant 68:22
construct 135:20
constructed 136:1,5
construction
88:12,15 97:22 98:4 99:10
103:10 111:18 136:7
138:15,18,20 139:12,14
201:16 211:6
consult
241:12
consulted 241:13,14 259:1
consulting 48:16
consummate
275:2
contact
19:17
contagious
13:5
contain 293:16
contained 100:12
containers 146:20
content 39:19 40:10 48:2 49:19 184:19
contents 184:20 185:24 279:5
context 10:12
continually 100:16
continue 90:18 185:11
continuously 159:7
contract
61:13 83:15 84:24 86:3 123:15,18 124:1,3,13 125:12,19 126:3,5 130:11 130:15,16,20,24 131:4,6,6 132:2,7,14 139:4 167:25 168:2,2 169:10,13 171:20 172:8,11,19,19 219:14 220:24 223:3,8,15 228:14 229:12,18,20 230:13 234:11,13,19 235:1,6 236:16
contractor
61:3,6 137:16,24
contractors 123:8
contracts
5:8 84:1,3 87:5,6 119:15 122:22 123:6 124:14,14,18 124:19,21,24 125:1,3,14,17 125:25 126:2 127:10,11,12 127:15 171:11 172:22 230:18 237:1 254:1 262:19 262:20 274:6
control
27:4 41:9 47:19 66:2 91:9 91:12,18,24 92:4,5 102:10 108:13 132:21 173:2
186:12 268:22
controller
92:1
controls
83:10 91:20 92:3,4 107:8
convention 210:16,24
conversation 10:10
conversations 209:25
convicted 288:24
cool 168:10 217:13
coolant 162:20
coordinator
61:3
copied 216:23,25
copies
43:22,25 173:8,9
copper 17:6,6,7,8,9
copy
42:7 48:4 118:25 122:10 128:4,8 242:15 255:3,7
copy (cont.)
$256: 17$ 260:3,4 291:15
cord
$\quad 96: 23$
cords
$\quad 109: 3$
corporation
cost (cont.) 232:19 260:7
costs
207:2 208:1 231:4
counsel 6:15 87:24 179:23
country
31:4
county 8:22,23,24 9:1 72:10,15,15 87:25 293:4
couple
11:11,11 84:21 104:9 120:21 211:20 213:20 214:19 227:22 264:20 281:5 289:15
course 7:25 11:21 63:1 69:2 149:25 179:10 185:2 209:13,14 269:15
court
1:1 8:1 9:17,22 114:19 258:15 283:12,14
courts 289:8
cover 9:11 147:20 158:8
cpa 4:17 242:11,12 280:8,8 285:5
cpas 241:12,13,15
crazy 40:15
create 9:24 111:5
created 110:16
creates 143:13 144:3 193:16,22,24
creating 280:12
credit
240:14 242:20 247:14 252:16 269:7 286:4
credits
16:15 233:2 265:4 284:17 284:24 286:12,14,17 287:13
crime 288:25
critical 144:7
cross 181:18
[crystal - developed]
crystal
117:24
csr
1:25 292:4 293:23
curious
263:4
current
14:12 206:15
currently
13:8 122:22 131:7 163:21
206:16,19 240:2
curtis
41:17,18
customer
119:22 172:6 192:2,3
220:11 232:20 239:15,24
280:10
customers
84:7 85:4 204:13 207:12
211:9 231:9 232:16 235:8,9
235:23 237:5 239:19
247:13 283:8
customer's
204:9,22
cut
158:25 193:19,22 194:4,5,5
194:20,22,23 196:15,19,21
cuts
193:24 195:16 196:16
cutting
193:15
cv
1:5 292:2
cycle
184:25
cylindrical
113:2
d
d.c.

30:8
dahle
2:12
daily
53:11
damaged
239:13
dangerous 138:24
dare
208:22
data
66:21 69:8 109:14,16
152:23 164:22 176:5 184:13 185:4
database 204:10,11 206:3
date
1:22 13:18 31:11 32:2
33:21 34:10 48:10 74:3,4,5 248:22,22 249:21 251:15
257:23 278:9 286:24 292:3
dated
3:23,25 4:2,10,13,20,22
5:16,18,20 228:5 257:22
dates
26:22,23 29:19 34:6,9
213:17,22,23 214:1,2,20,21
265:11
daughter 14:5 289:5
dave
26:13 27:19 48:1,6 74:18
75:9 186:24,25 187:2
265:12,20,20 266:2
david
27:1,5 28:25 33:3 266:14 267:2
davis
180:8
day
11:22 158:1 159:17 189:10
189:12 192:24 227:12
249:25 292:13 293:20
days
289:15
dc
2:6 27:4
dcl16 18:17 44:8 45:3
dcl16a
44:10 45:6 52:24
deadlines 119:10,15,17,19,21
deal 239:3 274:22 275:2
deals 122:2
dealt 189:6
dean
22:16 23:12,12 25:7,7 28:1 29:14
december
4:2 5:18 226:12 228:5
239:6
decide
75:11,15 153:16 162:11,23 230:17
decided 138:21 154:13 161:10,18 162:13,16 206:18,23 207:24 231:7,23 232:18

| decided (cont.) | depends |
| :---: | :---: |
| 266:6,19 | 87:5 206:11 |
| decision | depicted |
| 56:12 77:17 131:17 132:21 | 90:4 91:8 |
| 138:13 | depiction |
| decisions | 89:15 91:11,15 95:25 97:21 |
| 46:3,9,19,25 47:14 53:15 | 99:10 102:2 111:17 |
| 53:18 55:24 56:2,16 71:7 | deposed |
| 71:19,22 74:5,12 77:4,6,9 | 9:8 |
| 80:2,6 83:1,5 172:5 272:21 | deposition |
| deductions | 1:7 7:12,21 9:5,12,15 15:21 |
| 284:17 | 16:2,6 41:14 134:8 288:16 |
| defendants | 290:24 291:16 |
| 1:11 2:9 | depositions |
| defense | 7:25 9:10 15:17 40:14 |
| 32:6 | 189:6 |
| definite | depreciation |
| 77:17 | 235:12,18,25 236:5,18 |
| definitely | 237:3 242:19 247:13 |
| 75:3 | 252:16 279:20 284:24 |
| degree | depreciations |
| 16:10 | 233:3 |
| degrees | derived |
| 68:17 93:24 161:24 178:17 | 142:10 |
| deliver | derogatory |
| 116:15 148:19 149:9 | 260:20 |
| delivered | described |
| 131:10 | 17:16 32:12 |
| delivers | describing |
| 116:12 | 143:21 |
| delivery | description |
| 107:10 120:12 | 3:13 58:15 |
| demand | design |
| 258:3,8 | 134:25 135:13,18 177:22 |
| demarcate | 194:24 195:9 |
| 212:4 | designate |
| demonstrate | 202:9,9 204:8 205:8 |
| 69:14,21 | designated |
| demonstrated | 51:4 203:1 |
| 67:21 | designed |
| demonstrates | 68:16 121:4 135:14 140:18 |
| 72:22 | desist |
| demonstration | 5:1 |
| 69:12 | details |
| deniable | 46:16 |
| 131:6 | determined |
| denver | 116:10 |
| 2:11 6:17 | detrimental |
| denversnuffer | 138:17 |
| 2:14 | develop |
| department | 18:8 119:25 167:6,11 208:3 |
| 2:5 3:17 6:13 23:12 25:8 | developed |
| 29:11,12,13 32:5,5 217:25 | 17:5 22:24 62:25 120:1 |
| depending | 186:13 189:20 199:5 241:9 |
| 100:17 | 279:13 |

[developing - eliminate]

| developing | discretion | documents (cont.) | e |
| :---: | :---: | :---: | :---: |
| 70:5 167:4 242:8 | 7:5 | 185:16 221:2 240:19 | earlier |
| development | discuss | 249:20 257:11 260:25 | 32:7 59:2 72:4 117:19 |
| 70:25 167:8,10 169:4 | 30:9 | doing | 136:10 146:9 166:5 174:9 |
| 230:11 231:15 239:25 | discussed | 50:19 70:10 85:25 110:20 | 183:21 215:8 254:8 258:23 |
| device | 6:25 9:12 27:24 254:18,19 | 120:4,18 132:5 144:13 | early |
| 101:14 | discussing | 155:6 203:15 232:7,12,13 | 17:5 24:3 34:5 183:14 |
| devil | 254:25 | 232:14 236:21 237:14,15 | 189:23 274:5 |
| 40:14 | discussion | 240:2,5,16 244:4 252:24,25 | earn |
| diagram | 58:5 87:15 252:15 291:13 | 254:6 256:10,12 259:10,17 | 229:22 |
| 5:15 | disk | 260:21 266:22,24 275:19 | easier |
| difference | 5:7 87:19,2 | 278:19 280:13 286:20 | 75:6 153:24 |
| 76:5,6,12,14 80:13,15,16 | dispute | 289:11 | east |
| 80:18 86:18 142:22 155:5 | 290:4 | doj | 123:13,19 124:6 125:11 |
| 232:22 233:22 | dissertation | 199:18 | 126:6 262:14 |
| different | 180:9 | dollars | easy |
| 10:5 11:13 25:5 37:11 | distinction | 84:24 124:10 |  |
| 83:16,19,19,20,21,23 85:15 | 45:15,19 | domestic | education |
| 85:16 86:3,7,8 120:3 | distinctions | 290:4 | 15:22 16:9,18,21 17:15,18 |
| 140:19 148:21,21 149:15 | 55:14 | don | 17:21 18:6,10 |
| 149:17 150:2,11,21 151:22 | district | 7:6 284:1 | effect |
| 155:5 160:25 161:1,6 | 1:1,2 7:23 | donnel | 158:20 252:15 287:24 |
| 191:22 199:3,4 204:1 207:2 | diverted | 14:25 15:2 | efficiencies |
| 212:5,19 213:11,12 224:4 | 71:4 | door | 180:11 |
| 224:11 249:20 253:7 265:6 | divided | 157:11 289:21 | efficiency |
| 266:21 267:17 | 190:21 | doorstop | 175:8 180:18 184:25 185:1 |
| difficult | divider | 289:21 | eight |
| 94:15 | division |  | 13:15 |
| 219:18,25 220:4,7 222:21 | $1: 26: 13$ | double | either |
| dilute | divorce | 190:12 | $\begin{aligned} & 52: 3,1055: 6 \text { 80:24 95:2 } \\ & \text { 100:16 115:13 128:16 } \end{aligned}$ |
| 231:23 | 289:3,15 | doubt | 139:6 255:25 257:1 285:6 |
| diluted | divorcing | 236:11 272:25 | 289:18 |
| 231:22 | 289:13 | dow |  |
| direct | dn | 68:9,1 | 1:5 292:2 |
| 64:15 80:20,21 190:1 | 1:5 292:2 |  | electric |
| directed $140: 8$ | doctors | 7:20 | $144: 13,15$ |
| direction |  |  | electrical |
| 97:8 125:6 165:23 293:15 | 13:8 15:7 | drawings | $\begin{aligned} & \text { 25:7 29:13 62:23 63:18 } \\ & \text { 64:16.22 72•12 184:74 } \end{aligned}$ |
| directly | document | 264:14,21 | electricity |
| 137:22 169:12 172:3 | 11:25 42:9 51:11 57:15,16 | drew | 66:3,6,8,18,22 67:5 68:21 |
| director | 57:19 58:11 79:1 132:9 | 185:1 | 99:2 108:12,22,25 109:11 |
| 222:23 225:3 | 180:24 181:2 182:25 | drink | 109:15,18 110:6,12 114:4 |
| directors | 211:19 219:10 221:11 | 13:14 35:9 | 114:23 143:13,16 144:4,19 |
| 40:7 41:8,10 43:8 59:23,24 | 222:1 224:6 225:13 241:24 | drive | 155:18 156:5,6,15 157:1 |
| 60:2 | 244:20 245:25 257:7 261:7 | 96:25 121:9 144:19 | 164:4 165:12,15 167:14 |
| disagree | 262:3 263:15 276:9,11 | drove | electronic |
| dis | 277: | 88:1 | 27:3 101:13 |
| disagreed | documentat | drugs | electronically |
| 50:3 | 52:18,25 265:18 | 12:19 | 43:14 |
| disallowing | documents | duly 6.5293 .11 | electronics |
| 284:1 | 11:25 42:21 45:7,8 49:12 | 6:5 293:11 | 62:22 |
| discovered | 49:17 79:17 82:16 92:23,25 |  | eliminate |
| 248:8 280:5 | $\begin{aligned} & 128: 4,10 \text { 134:5,9 } 151: 9 \\ & 174: 1,16 \text { 179:18,20 185:3 } \end{aligned}$ |  | 144:14 158:13 |

[eliminated - explain]
eliminated 146:14
else's
180:25 188:3,4
email
20:1
embarrassing
42:1
employed
179:11,12
employee
18:13,15,23,25 $41: 254: 2$
54:15,18 55:4 81:11,15
employees
40:25 44:15,23 53:7,9
80:24 81:8 206:11
employment
137:17
enacted 128:18
ended
90:24
ends 142:12
energy 5:9 16:19,22 17:9,15 20:9 29:12 32:5 53:24 59:8 79:9 79:15,20,23 80:3,5,6,8,10 80:14,21 81:8,13,16,20 82:8 85:4,19,25 86:16,19 86:23 87:2 101:17 120:17 122:2 126:24 127:13,22 128:1,18,21 129:2,3,4,8,14 130:3 132:22 143:7 144:2 144:17 186:10 211:8,8 216:12 226:7,16,24 227:6 242:20 247:14 261:21,24 262:5,21 263:20
energy's 83:17 85:7
engage 55:8
engaged 72:8
engine 143:11
engineer
34:13,18 62:22 72:13 175:5 179:6
engineering
25:7 29:13 33:10 62:23
engines
143:6
enter
85:17 86:2 124:1 126:2
entered
71:7 78:5,9 123:18 125:18 125:24 126:1 168:2
enthalpy
182:5
entice
231:25
entire
90:25 181:1 262:2
entirely 135:9 214:15
entities
19:3,6 22:21 33:5 34:23,24 38:16,17 55:11 71:18,22 131:16,18 132:20 139:10 172:4,5,14
entitled 51:6
entity
18:14 21:17 22:6 44:12 49:5 52:5,8,13,21,23 53:2 63:18 64:7,15,17 65:19 66:2,5 71:6 74:13 76:1 78:11 79:9 82:12 83:5,19 83:21 123:15 125:5 130:13 131:8 133:14 135:20 136:6 136:14 139:7,15 173:2 197:16 202:21 203:3 206:13 265:8 267:18 268:22
equal
129:19 233:9
equipment
4:6 5:10 22:17 63:3,4 98:22
103:10 105:8 121:3 139:8
215:16 219:6 220:8,12
221:21 226:11 227:25
229:24 232:1,3,25
erin
2:3,4 6:12 7:15 9:4
erin.healygallagher 2:7
erin.r.hines
2:8
escrow 85:1 123:10
esquire 257:15
established 115:25 116:23 120:10 121:2
estimation 208:5
et
6:10 292:1

| evaluate | exercising |
| :---: | :---: |
| 20:19 22:23 183:16 187:6 | 124:19,20,23 125:1 |
| 187:13 188:5,6,15 206:22 | exhibit |
| 207:2 227:9 269:6 277:15 | 3:14,15,16,17,20,22,23,25 |
| evaluated | 4:2,4,6,7,9,12,15,16,18,19 |
| 23:3 187:3 188:13 206:24 | 4:20,22,24,25 5:1,2,6,7,8 |
| 207:16 231:1 | 5:10,12,15,16,17,19 42:5,8 |
| evaluation | 42:22 57:11,14 58:9 87:16 |
| 29:24 31:1 177:21 180:3 | 87:19,19 126:12,25 127:5,8 |
| 188:17 | 128:3 173:7,12,14,19 |
| everybody | 174:21,23 175:17 176:1,9 |
| 110:16 196:9 199:15 | 176:24 177:3,14 184:5,20 |
| 238:17 239:2 280:3 | 186:1,3,4,6,9 189:15,18,21 |
| everybody's | 191:2,17 192:16 193:8,14 |
| 199:24 | 193:21 194:18 197:21,24 |
| exact | 201:7 211:17 215:25 216:4 |
| 31:11 48:10 93:3 155:4 | 216:7 217:7,14,16 219:3,19 |
| exactly | 221:7,16,22 223:25 225:12 |
| 25:6 26:16 33:21 35:22 | 227:18 228:9,20 237:17 |
| 44:9 94:6 97:2 135:5 | 241:18 243:10 245:15,17 |
| 137:25 138:9 139:20 | 245:23 249:1,4,5,6,8,18,21 |
| 142:14 149:6 183:10 | 250:15 251:3,15 257:7 |
| 196:23 206:6 209:8 239:8 | 258:20 261:6 262:20 263:3 |
| 247:20 248:21 | 264:6,12 267:7,8 269:19 |
| examination | 270:17,24 276:3 277:19 |
| 8:5 | 280:20,22,24 |
| examined | exhibits |
| 6:6 | 7:24 218:17 |
| example | exist |
| 9:22 10:10 16:10 20:23 | 39:9 138:25 |
| 122:2 130:14 148:23 | existed |
| 207:25 212:15 221:24 | 244:6 |
| exchange | existence |
| 5:2 15:18 42:14 | 179:14 203:6 |
| exchanger | exists |
| 67:15,23,25 90:6,8,19,25 | 39:10 |
| 91:16 95:8 142:2,7,8,9,13 | exonerate |
| 145:23 146:5,13,14,16 | 287:21 |
| 156:14 158:5 170:11,12 | exonerated |
| exchangers | 286:3 287:15 |
| 67:16 68:1 92:12,13 146:7 | expansion |
| 146:7,10,15 154:9 170:5,6 | 143:8 |
| exchanges | expect |
| 142:9 | 112:4 150:9 |
| excited | expensive |
| 232:4 | 67:13 70:22,23 110:25 |
| exclusive | 111:1 |
| 40:22 | experience |
| excuse | 59:8,10 62:8,13,18 244:23 |
| 28:3 35:8 80:15 82:6 | experienced |
| 132:11,12 170:1 213:7 | 59:13,18 |
| 258:5 | expert |
| exercise | 186:24 187:6,18 236:10 |
| 124:13,15,18 131:17 | 280:4,6 |
| 132:21 | explain |
|  | 110:22 114:7 115:22 |

[explain - formation]

| explain (cont.) | far (cont.) | files | flip |
| :---: | :---: | :---: | :---: |
| 195:18 230:20,24 | 268:1 269:13 270:21 | 87:21 277:6 | 227:21 |
| explained | fashion | financial | flow |
| 47:10 | 266:9 | 238:15 | 92:3 141:22 144:4 158:19 |
| explanation | fault | find | flower |
| 23:17 | 223:16 245:2 | 9:13 55:20 79:6 121:25 | 191:9 |
| exploring | favor | 122:6 134:6 252:2 285:10 | fluid |
| 17:10 | 55:4 81:15 83:9 84:17 | fine | 68:2,4,7,15 93:15,20 94:1 |
| extent | favorable | 41:21 134:15 147:17 189:4 | 95:5 141:18,22 142:6,11,12 |
| 41:13 | 75:18 | 215:5 219:1 253:13 258:12 | 142:16,25 147:25 148:19 |
| extrapolate | fbi | 258:17 267:4 275:18 | 149:6,12 151:18 154:12 |
| 149:23 | 32:4 | 278:14 288:9 290:25 | 155:17 156:7,13,17 157:3 |
| extruder | fcc | fingertips | 157:17,22,25 159:21 161:1 |
| 196:7 | 62:21 | 151:2 | 161:10,19 162:12,17,22,24 |
| eyes | feasibility | finish | 167:14 |
| 98:13 | 72:22 | 10:16 66:13 103:7 107:24 | fluids |
| f | feature | 107:25 120:13 166:24 | 150:4 152:1,5,13 161:6 |
| fabrications | 198:3 | 205:3,3 220:1 258:5 | fluoride |
| 213:12 | featured | finished | $93: 10,12,13$ |
| facility | federal | 10:11,13 127:3 | focus |
| 53:22 163:14 192:24 | 7:22 17:19,22 18:6 128:16 | finishing | focusing |
| 195:14 196:22 198:3 | 240:11 266:5 | 110:24 | 141:12 |
|  | feds | fire | folks |
| fact | 264:15 | 90:5 106:13,15,22,22 | 23:8 27:15 177:2 210:5 |
| 48:18 63:4 67:21 157:L | fee | 159:10,12,14 | 238:23 |
| $178: 1 \text { 204:22 } 211: 4243: 15$ | 229:12,17 230:13,18 | fired | follow |
| $255: 12,13,22 \text { 268:19,21 }$ | feed | 73:4 262:7 | 73:25 179:22 |
| factor | 107:16 | firm | followed |
| $148: 2 \text { 207:11,1 }$ | feel | 259:1 | 64:3 |
| facts | 42:9 138:16 187:24 232:20 | first | following |
| 12:13 73:20 126:17 218:21 | 234:1 284:4,6 291:9 | 14:25 16:25 17:2 25:20,23 | 177:8 |
| $253: 24$ | fees | 87:23 88:2,20 90:12 99:8 | follows |
| factual | 283:2 | 103:16 112:25 115:4,17 | 6:6 21:10 114:22 116:21 |
| $274: 8,12$ | felt | 119:7 126:24 144:24 | foot |
| fahrenheit | 23:18 70:22,25 75:17 | 164:10 202:20 223:22 | 148:3 184:17 289:21 |
| 68:17 | 110:19 234:23 254:20,22 | 224:8 225:16 242:19,24 | footage |
| faint | 266:7 287:19 | 243:3,4,18 247:12,14,18 | 158:4 190:23 |
| 113:18 226:1 263:10 | ferne | 250:1 252:4 257:9 258:20 | football |
| fall | 67:7,9 | 270:24 271:5 273:24,24 | 252:17 |
| 246:20 289:22 | field | 276:16 280:1 282:16 | forces |
| fam | 16:21 17:19,22 22:22 33:8 | 284:16 | 144:18 |
| 38:6 | 33:9 88:10 148:24 280:4 | fisc | foregoing |
| familiar | fields | 42:2 | 293:9,16 |
| 20:21 35:1 44:4 52:11,17 | 20:20 146:8 | fit | forgot |
| 52:20 55:16 58:20 75:25 | fight | 120:8 167:13 266:22 | 73:17 |
| 78:11 79:8 82:12 121:18 | 78:18 289:25 | fits | form |
| 221:10 262:22 263:13 | figure | 138 | 5:3 19:2 27:4 42:22 43:8,19 |
| $280: 9$ | 207:20,20 288:11 | five | 191:13 |
| family | figured | 84:9 163:23,24 189:1 | formal |
| 36:15,19 37:6 38:6,13 39:8 | 232:5 235:2 | 218:15 264:1 | 16:9,18 |
| far | file | fixed | format |
| 47:9 60:19 62:2 73:16 | 88:21 275:1 | 271:21 272:3 | 266:15 |
| 75:21 78:25 85:1 135:10 | filed | flat | formation |
| 174:2,15,18 185:18 188:21 | 285:24 | 194:3 196:8 | 94:24 |
| 207:16 218:25 256:11 |  |  |  |

## [formed - going]

## formed

58:16 79:24 80:5 82:22 83:4 84:20 190:10
forms 191:8,13
forth
155:7 293:10
forward 161:11 162:12,17
found 92:17 154:7 161:13
foundation 241:5
four
14:4 25:14,14 29:10,18 112:8 166:6
frame 104:21
framed 201:22 204:23
frames 120:12
franklin 2:6
frankly 223:11
free 42:9
freeborn 1:9 7:7 244:17 256:14 284:2
fresnel 67:9
friend 277:4
front
9:14 189:16 231:20 270:13
froze 163:18,19
fruition 70:14
fudge 208:20
fulfill 77:20
full 10:17 12:16 50:20 116:15 122:23 143:20 254:24
fully 13:12
fun 218:10
function 76:18,19 106:14
functioned 69:22
functions
76:14 77:21
funds
289:6,8,9
funny
10:7 289:17
further
60:18 179:2 291:2
fuse

| $99: 14,15$ |  |
| ---: | ---: |
|  | $\mathbf{g}$ |

gain
53:1 220:12
gallagher
2:3 3:5 6:8,12 7:3,14,17 8:6 8:21 9:5 13:7 21:8,15 41:20 42:3,6 51:16 57:12 58:3,6 66:25 67:3,11,22 73:6,10 75:24 87:13,17 88:25 89:14 89:21 90:3,16,23 91:7 95:3 95:24 97:20 101:7,11 102:1 111:16 112:1 114:25 116:19 117:2,6 126:8,13 134:19 168:4,8 169:14,18 179:3 182:17 188:25 189:3 189:7,10,13 197:15 201:14 209:6,10 218:14,18 234:9 241:3,11 242:18 245:13,16 248:23 249:3,7 250:10,14 252:23 256:2 257:25 263:25 264:3 267:9 276:4 280:20,23 288:15,20 290:19 291:1,7,11
gamble 207:5
gambling 252:17,20
games
252:17
gas
3:21 91:9,10,11,18,24 92:1 92:3,5 160:20 173:23
gear 165:6
geez 201:10
general 36:12
generally
36:11 139:24 277:9
generate
68:21 119:11,13 130:14 155:18 156:15,24 166:8,12 167:14 170:10 172:16
generated 69:2,6 96:7 110:7 156:5,6

## generated (cont.) <br> 157:2 164:4 165:16 166:1 <br> 166:21 167:2 169:6 170:3 <br> 170:16 171:19 172:25 <br> 246:17 249:16 <br> generates <br> 205:22 206:1 <br> generating <br> 58:16 <br> generation <br> 167:11 229:24 <br> generator

173:4 204:4,16 205:1 242:

67:18 96:8 143:25 144:1,12
156:11,22 165:7
geothermal
72:11,14 73:5
getting
72:13 118:9 119:5 178:12 232:4 243:16
gist
280:2
give
8:14 10:17 11:10,20 93:4 106:11 171:11 187:3 231:9 231:11 232:17,19 238:15 238:20 243:19 244:18,20
245:11 247:25 253:11,24
256:4,17 269:6 273:23
280:11 283:23,24,24 285:4
285:5,6,11 287:1 288:9,14
given
15:18 27:16 60:25 205:9 218:25 237:6,25 250:3,8 252:6 257:21 265:3,14 273:25
gives 124:17
giving
231:8 244:25 247:24 261:7 274:3
glad
258:12
glanced
186:5,7 278:18
glass
158:8 216:18
glenda
2:16 7:20 14:2 54:1 81:12 83:7 84:15 270:25 271:2,3 271:9,10,12 272:11,21 281:14,15
glendaejohnson 20:2 251:7
global 47:8

```
glue
    201:4
gmail.com
    2:14
go
```

8:1 11:6 14:23 31:12 41:25
42:8 43:5,6 49:14 51:22
58:3 60:18 68:18 73:10
87:13,22 96:23 97:1,2
98:25 104:10 107:4 111:10
122:23 126:8,13 132:5
138:8 142:6 143:16 145:13
146:3 156:3 161:19 170:5
175:23 178:14 180:23
182:8,18,18 188:2 197:13
200:15 202:1 204:18
211:18 220:14 222:5
223:20 227:23 241:6
245:20 253:21 260:16
263:23 264:3 269:14
272:24 278:11 290:8
goes
86:11 97:4,10 98:22,23
100:25 104:11,15 115:18
132:15 133:9 138:15 142:7
143:4 144:15 146:2,4,6
158:24 178:7,9 191:12
192:14 193:18,18 195:10
196:6,7 200:20 204:11
252:14
going
10:1 14:8 16:1,4,8 23:5,7,8
24:21 25:22 30:10,13 34:22
41:5,12 55:10 62:21 76:22
78:18 86:5 87:20 90:11,18
95:19 97:1,8,12,13 99:7,25
100:24 101:8,19 103:13
104:3 106:14 107:17,20
108:17 109:8 111:11,23,24
114:14 116:17 118:7
119:10,13 120:4 131:2
132:18 134:11,12 139:25
140:22 144:20,20,23
147:12,16 149:7 158:16,17
158:22,25 159:18 161:1,16
161:16,20 162:15,20,21,22
162:23,24 165:7 167:12,16
167:18 175:13 178:13
180:22,23 183:18 197:13
199:2,8 200:6 201:6 202:18
210:2 211:16 212:20 213:4
216:6 223:24 231:2,5,15
232:3 233:12,19 238:14
243:9 249:17 258:11
260:23,24 261:5 270:14,16
274:24 277:18 284:18
[going - hit]

| going (cont.) | grids | hang | heart |
| :---: | :---: | :---: | :---: |
| 288:7,13,15 289:12,14,16 | 121:4 | 62:17 107:24 140:23 | 238:15 |
| 289:22 291:14 | gross | 146:25 175:10 201:9 268:6 | heat |
| good | 84:22,22 85:8 229:22,22 | 271:16 | 67:15,15,23,25,25 68:2,4,6 |
| 9:24 74:16,19 98:13 156:3 | 231:12 235:3 | hansen | 68:15 90:6,8,19,25 91:16 |
| 189:12 206:11 217:13 | ground | 3:24 243:17,23 244:2 | 91:22 92:12,13 93:14,19,25 |
| 283:15 | 9:11 70:8 99:21 146:2 | happen | 94:18 95:4,7 141:18,21 |
| gosh | group | 11:9 109:5 164:10 187:11 | 142:1,3,5,7,8,9,10,12,13,15 |
| 216:5 223:23 258:14 | 22:14 25:12,20,23,24 26:4 | 225:7 | 142:16,25 143:1 145:22 |
| gotten | 26:6 29:11 31:17,25 32:20 | happened | 146:5,6,7,10,13,14,15,16 |
| 49:16 64:21 182:7 210:1 | 38:7,8 $41: 23,24$ 81:1,3 | 70:2 266:4 284:25 289:3 | 147:4,24,25 149:12 150:3 |
| 270:15 | 125:19 249:12 | happening | 151:18,25 152:5,13 154:9 |
| governed | groups | 137:21 195:20,22 215:4 | 154:11 155:17 156:6,13,13 |
| 7:22 | 32:15 211:5 | happens | 157:2,17,21,24 158:5,9 |
| government | guaranteed | 119:20 129:2 144:8 152:11 | 159:20 161:1,6,10,18,23,23 |
| 30:6,25 32:12,22 107:13 | 120:11 232:24,25 233:1,5,7 | 198:5 204:3 209:5 | 162:11,17 166:1,8,11,16,21 |
| 129:13,14,20,24 130:2,2 | 233:11 | happy | 167:1,3,11,23 168:9,24,25 |
| 240:25 241:10 256:13 | guess | 275:17 | 169:6 170:5,6,11,12 171:3 |
| grab | 21:25 61:9 81:11 93:18 | hard | 196:6 |
| 289:23 | 127:9 138:3 170:19 243:4 | 27:13 164:1 171:4 194:25 | heated |
| grade | 262:6,11,25 267:5 281:22 | 263:9 | 141:18 168:14,22 244:3,23 |
| 49: | guessing | hawai | heats |
| grades | 261:23 | 59:22 60:4,13,16 | 142:16 |
| 150:11,22 | guidelines | hb\&m | held |
| graduated | 51:13 | 244:9 245:6 | 58:5 87:15 210:20 289:25 |
| 63:1 | gu | head | 291:13 |
| grail | 285:16,17,25 286:1 | 9:23 29:11 52:12 85:6 | help |
| 216:11 | guy | heading | 12:1 45:25 109:23 135:3,6 |
| grant | 60:7 106:8 127:18 | 61:10 215:10 | 135:16 253:1 |
| 264:16 265:1,3,9,16 266:5 | guys | healy | helpful |
| 266:5,13 267:19,25 268:2 | 218:5 255:17 | 2:3 3:5 6:8,12 7:3,14,17 8:6 | 9:13 |
| 268:22 | h | 8:21 9:5 13:7 21:8,15 41:20 | hey |
| great |  | 42:3,6 51:16 57:12 58:3,6 | 101:13 |
| 189:7 253:5 254:11,15 |  | 66:25 67:3,11,22 73:6,10 |  |
| greg | 196:15,16,20,21 203:17,18 | 75:24 87:13,17 88:25 89:14 | 101:13 |
| 47:13,17,23 208:23 211:25 | 203:18, | 89:21 90:3,16,23 91:7 95:3 | high |
| 244:13,15 256:6,15,17 |  | 95:24 97:20 101:7,11 102:1 | 68:5 93:16,20 94:1,4 147:3 |
| 277:25 278:4 279:21 |  | 111:16 112:1 114:25 | 147:4 148:4 151:21,22 |
| 280:13 284:2 | $281: 6,14,16,24282: 7,20$ | 116:19 117:2,6 126:8,13 | 153:5,9,17 157:21 158:24 |
| gregory | hand | 134:19 168:4,8 169:14,18 | 232:2 |
| 1:87:7 47 |  | 179:3 182:17 188:25 189:3 | higher |
| grid | $\begin{aligned} & \text { 98:11 100:9 190:6 200:14 } \\ & 211: 16263: 10 \end{aligned}$ | 189:7,10,13 197:15 201:14 | 22:14 68:18 94:8 |
| 61:19 62:5,10,19 63:2,7,12 |  | 209:6,10 218:14,18 234:9 | highest |
| 63:13,19 64:1,6,12,16,22 | han | 241:3,11 242:18 245:13,16 | 149:7,8 |
| 66:3,9,18,22 67:5,20 68:21 |  | 248:23 249:3,7 250:10,14 | hines |
| 72:6 97:2,4 98:23,25 | anding | 252:23 256:2 257:25 | 2:4 7:15,15 73:9 75:23 |
| 100:20 101:18,18,20,21,22 | 57:13 173:6,11 248:25 | 263:25 264:3 267:9 276:4 | hire |
| 102:13,14,14,16,18,19,21 |  | 0:20,23 288:15,20 | 60:20 167:5 187:5 196:21 |
| 102:23,25 103:1,3 104:4,17 |  | 290:19 291:1,7,11 | hired |
| 105:5,7 107:5,10,19 108:16 | 283.20,20 | hear | 20:19 137:15 186:24 283:2 |
| 109:12 110:8,13 113:10,21 |  | 9:19 256:25 | 283:6,7,13,18 |
| 113:22 114:5,24 115:3,5,11 |  | heard | history |
| 115:14,15 116:10,11,16 |  | 257:2 | 3:15 |
| 118:6 121:5,6,7,13 122:24 |  | hearsay | hit |
| 124:25 128:15,25 132:10 | handwriten | 50:23 | 140:8 144:16 234:21,2 |
| 132:15 |  |  | 235:4 289:24 |

[hits - insufficient]
hits
119:17
hold 41:25 149:9 168:14 254:3
holding 102:8
holy 216:11
home 8:11,15 154:4
hook 63:13 64:6,11,15,21 67:20 105:3 116:15 121:4
hooked 63:23,25 64:1 65:10 72:14 104:7 145:5
hooking 121:5
hooks 101:22 115:9
hookup 65:8
hope 13:5 43:23 291:8
hopefully 51:12
horizon 98:6,8
hosting 210:8
hosts 211:4
hot 142:19 143:1,4 144:17,17 169:19,23 170:3,6,10,11,16 170:18,24 171:1,5,18
hotmail.com 20:2
hotmail.com. 251:7
hours 11:12 13:15 159:17
house 88:6,10 97:9,10 98:20 99:22 100:19 105:3 114:13 115:10,11,13,15,16,19 116:13 164:4 165:13 256:22 289:5
huge 119:13,14 232:22 233:22
huh
9:3,21,24,24 16:20 42:25 57:24 62:7 79:11 80:22 96:22 101:1,3 108:24 112:20 128:12 137:5,7 160:12 163:15 168:18
huh (cont.)
191:24 200:22 201:18 210:7,18 212:6,22 213:5 216:2 217:10,17,19 219:16 219:24 221:5,12 222:10,13 222:22 223:1 224:20,22,25 225:4,19,22 226:14 228:13 229:9 230:16 242:13 248:16 259:3 264:7,19 272:13 277:23 286:9
hundred
164:14,15
hundreds
28:14 70:1
hurt
290:1
hybrid
159:16

|  |
| :--- |
| ias |

35:6,11,19 36:2,7,14 37:7
39:13 40:17,25 41:4,13
42:12 43:8,20 54:24 55:8
58:18 83:15 135:25 136:4
136:23 137:1,3,15,16
138:12 139:19 208:9,11
216:24,24 226:9,11,15
227:5,25 228:14 229:3,8,23 230:4,8 253:25
ias's
37:2 42:22 137:12 208:10 208:13,18 228:24
iaus
3:14,17,22 35:6,14,15 36:1 173:23 183:22 217:1,25
iaus.com
19:9,18 20:5 39:14 189:22 217:20 251:6
idea
26:25 56:7 59:17 84:19
85:3,7 87:1 140:7 141:17
141:21 142:15 174:12 183:7,15 209:25 240:20 246:5 255:9 274:11
ideal 143:23
ideas 247:7
identification
42:5 57:11 87:16 126:12
202:10 218:17 228:24 245:15 249:6 267:8 276:3 280:22
identified
14:19 19:3 28:8 35:23 39:14 64:19 212:10 272:23

| identifies | incur |
| :---: | :---: |
| 58:22 | 231:8 259:21 |
| identify | incurred |
| 35:12 177:17 202:12 | 138:19 208:1 |
| identity | independent |
| 179:14 | 47:6 261:24 |
| ignition | india |
| 92:4 | 120:6 |
| ilios | indicates |
| 227:25 228:15 229:21 | 206:6 |
| illegal | indicating |
| 128:20 | 48:1 61:24 100:4 112:15 |
| illness | 115:3 116:5 145:13,15 |
| 13:8 | 146:21 159:22 160:5 |
| image | 178:25 191:14 271:14 |
| 99:12 112:8 115:5 116:2 | individual |
| 117:1 | 46:21 49:10 51:4 59:21 |
| imagine | 60:3 132:14 144:11 178:5 |
| 25:15 133:23 183:25 | 279:16 |
| 185:20 189:25 217:3 | individually |
| 284:21 | 7:13 166:19 |
| immediately | information |
| 204:18 | 11:12,13 16:2 18:1 25:2 |
| implementation | 26:8,14 48:14,21,25 51:18 |
| 135:12 | 73:16 151:3,8,10 208:18 |
| implemented | 209:1 210:1,12 226:20 |
| 135:13 | 237:11 242:8,9 243:17,20 |
| important | 244:25 248:9 250:8 253:18 |
| 142:21 | 254:24 260:10 267:16 |
| impossible | 270:22 274:12 279:20 |
| 196:9,10 | 280:12 282:1 283:21 |
| improved | informed |
| 224:15 | 184:21 |
| ina | infrared |
| 14:15 | 158:10 |
| incident | infrastructure |
| 50:7 | 86:24 |
| include | initial |
| 134:7 | 74:21,23 |
| included | injunction |
| 32:9 | 285:23 |
| including | input |
| 182:1 | 90:5 |
| income | inside |
| 246:25 247:2 | 92:12 148:25 154:9,9 |
| incorporated | 170:11 |
| 37:23 38:3 56:5 74:2 78:2 | install |
| incorporation | 201:24 |
| 74:4,16,22 | installed |
| incorrectly | 140:4 203:13,18 |
| 228:24 | installing |
| increased | 137:3,10,19 |
| 233:25 | instructs |
| increases | 11:5 |
| 96:8 | insufficient |
|  | 116:14 |

## [insulated - kept]

| insulated | interrupt | items | johnson (cont.) |
| :---: | :---: | :---: | :---: |
| 147:2 | 74:10 | 50:2,4 190:10 | 270:25 271:2,3,9,12 272:9 |
| insulation | introduce | J | 272:11,14,21 274:20 |
| 147:2,6,21 163:13 | 70 | jail | 9 281:14,15 282:1 |
| insulato 147:4 | introduced | 284:19 | $\begin{aligned} & \text { 286:2 288:13,17,20 292:11 } \\ & \text { 292:14 } \end{aligned}$ |
| insurance | introduction | jameson <br> 281•1 284:11,12 | johnson's |
| 259:20 | 180:6,10,11,13 | january | 20:7 |
| intellectual | introductions | 4:20 13:19 273:18 278:7 | join |
| 135:18 138:23 | 180:7 | jason | 60:17 220:15 |
| interchange | invent | $4: 9,12261: 9,12,13269: 24$ | joined |
| 98:24 | 135:3 188:2 | $270: 2,5$ | 75:23 |
| interchanging | invented | jeopardize | joking |
| 155:5 |  | 266:25 | 10:4 |
| interconnect 62:24 63:2 102:12 107 | inventing | job | Jolly |
| 62:24 63:2 102:12 107:11 | 135:8 | 269:6 | jones |
| 109:12,18,21 110:6 115:8,9 | 207:20 | johnson | 283:4,7,8 286:7,8,10,22 |
| 116:11 117:11,13,13,21 | investment | 6:4,18 7:13,20 8:9 12:12 | 287:12 288:1,5,9 |
| 118:23 119:6 120:15,24 | 198:19 | $13: 18 \text { 14:2,7,11,12,15 15:1 }$ | journal |
| 121:17,20 128:15 | investments | 15:1,3,3,4,17 18:9 19:8 | 20:22 $21: 2,3,12,13$ 22:10 |
| interconnecting | 225:20 | $\text { 20:8,21 } 21: 6 \text { 22:4,9 23:9,21 }$ | 22:12 |
| 121:16 12 | invitation | 24:11,16 28:23 29:5 30:11 |  |
| interconnection | 31:9 | $31: 22 \text { 32:7,19,21 33:2,13 }$ | 2:11 |
| 61:17,17,19 62:1,3,5,10,20 | invited | 33:22 34:7,22 35:1 38:20 | judge |
| 65:7,12 71:23 78:5 120:13 | 21:4 29:9 30:8,8,15,20 72:9 | 38:20,25,25 39:6,13 40:16 | 234:4 |
| interconnections | 227:7 259:23 | 41:18 42:6,12 43:19 44:4 | july |
| 99:19 121:3 | invoking | $44: 18 \text { 46:13,24 47:4,16 }$ | 258:4,9 293:20 |
| interested | 7:4 | $52: 4,2053: 25 \text { 54:1,4,12,23 }$ | june |
| 69:24 70:3,10,12 125:22 | involve | $55: 5,7,2357: 8,12,2058: 2,8$ | 1:22 6:1,10 42:23 292:3 |
| 282:4 | 73:2 | 64:14 66:1 67:3 68:19 71:6 | jurisdictio |
| interesting | involve | $71: 18 \text { 72:4 73:12 74:15 }$ | 281:20 282 |
| 78:19 282:14 | 16:15 55:13 70:5 118:25 | 78:4,20 81:13,23 82:20 | justice |
| interfere | 138:18 181:23 182:22 | $83: 8 \text { 84:15 87:18,23 88:25 }$ | 2:5 |
| 12:20 110:19 | 203:8,12 207:2 231:5 232:4 | 89:7.14.21 90:3 91:7 93:1 | justice's |
| interject | 240:17 243:16 245:1,10 | 95.24 96.11 97.20 98.18 | 3:18 6:13 218:1 |
| 1:9 | 259:11 274:17 277:5 |  | k |
| interjected | irs | 112:3 114:14,18 115:24 | kbr |
| 182:14 | 3:16 233:1 238:4,4,18 | 116:22 126:15 127:7 | 225:20 |
| internal | 246:24 256:24 282:1 283:8 | 128:13 130:5,19 131:2 | keep |
| 185:10,11 | 284:16 286:3,14,15,16 | 132:19 134:4,21 145:9 | 24:10 28:18 30:24 31:20 |
| international | 287:13,15,24 288:21 | 164:3 168:8,23 171:10,22 | 66:11,17,17,21 69:4 84:11 |
| 1:7 2:9 5:4 7:9 18:16 20:13 | isa | 172:23 173:6 174:20 179:2 | 84:13 101:23 102:19 104:5 |
| 35:2,12 46:22 58:17 67:17 | 226:23 | 185:15 187:5 188:20 | 104:7,24 109:10,14,16 |
| 80:11 135:24 138:17,22 | issue | 189:14,19 190:2,8 192:18 | 152:21,22 161:13 168:15 |
| 139:18 166:23 169:2 | 73:3 171:9 209:16 227:1,1 | 195:1 197:15 199:8,11 | 178:13 185:7 202:19 |
| 197:18 198:7,12 216:23 | 238:11 254:25 279:14 | 201:14 206:12,15 207:13 | 207:19 242:14 |
| 225:17 226:8 228:12 | iss | 207:15 208:23 210:4 | keeping |
| 272:22 | 289:8 | 211:16 216:15 217:23 | 203:25 |
| internet | issues | 218:12,20 219:13 221:20 | ken |
| 151:11,15 205:21,22 | 254:18 | 223:2 225:2 226:4 234:5 | 269:23 271:19,19,25 272:7 |
| interpretation 23:18 | issuing 230:17 | 237:16,22 239:5,14 240:2 | 272:15,23 273:3 |
|  | item | 240:18 241:23 242:18 | kenneth |
| 269:5 287:18 | 113:3 135:4 141:6 | 245:5,22 247:9 250:5 | 4:21 |
| 269.5287 .18 | 113.3135 .4141 .6 | 251:19 255:24 258:19,25 | kept |
|  |  | 261:18 263:4 269:18 | 7:24 149:15 |

## [kids - letter]

| kid | know (cont.) | 1 | legal |
| :---: | :---: | :---: | :---: |
| 256:7 | 133:12 135:5, 14, 16,22 |  | 45:8 85:16 101:15 119:23 |
| kind | 136:2,11 138:5,9 139:17,21 | 249:5 | 120:17 121:16 122:3 |
| 12:20 17:19 50:20 51:21 | 140:1 142:24 147:10,13 |  | 259:17 269:15 283:24 |
| 53:2 67:8 69:13 104:3 | 148:18 149:6,9 150:16,17 |  | length |
| 125:18 129:24 139:15 | 150:23 151:1,6 155:1,23 |  | 238:5 |
| 147:19,24 151:23 152:7,21 | 156:5 161:8 162:3,10 163:6 | 149:20,20 | lens |
| 155:7 161:25 162:20 165:5 | 163:7,22,22,23 164:11,14 |  | 22:22,23,23 67:7,8 86:8 |
| 165:7 167:14 185:7 191:9 | 166:2 168:16 170:18 | 241:5 | 140:8 141:2,13 167:23,23 |
| 201:2 235:1 279:10,12 | 172:17,17,18 173:16 174:2 | lagrand | 169:5 171:18,19 172:6,15 |
| kinds | 174:15,18 176:10,22 179:8 | 15:1 38:20,25 39:5 40:8 | 172:15,24,24 173:3,4 178:3 |
| 148:7, | 179:9 181:20 182:24 183:3 | lake | 190:9 191:13,14 192:2,4,6 |
| kirton | 183:7,10 185:7,8,18 187:2 |  | 192:7,13 193:25 199:12 |
| 49:8 236:15 259:1,22 | 187:19 188:19 189:11 |  | 200:20 204:5,10 205:7 |
| 260:16,16,18,19 264:22 | 194:10,11,11 195:20 | 4:7 229:21 | 206:1,6,15,19,25 207:7,13 |
| 273:13,19 274:3,1 | 197:17 198:10,11,16 199:7 |  | 207:17 208:3 236:17,18 |
| km00057 | 199:23 202:16 204:10 | 88.799 .25100 .25 | 239:24 240:12 243:1 |
| 262:3 | 205:9,11 206:10,12 208:6 |  | 247:18 248:15 252:5 |
| km214 | 208:20,25 209:22 211:20 | 88:10 124:22 259:19 | 278:22 |
| 274:19 | 212:9,18,20 215:13,13,16 | larsen | lenses |
| km274 | 218:10,10 219:4,5 220:11 | $1: 25 \text { 292:4 293:6,23 }$ | 67:12 72:16,19 73:2 85:12 |
| 277:20 | 220:17,19 221:2,8,9,15,24 |  | 85:14,19,21,22,24 86:3,8,9 |
| km84 | 223:7,11,16 224:3 225:14 |  | 86:16,19,22,24 87:2,6,10 |
| 263:5 | 227:13,21 228:21 230:6,12 |  | 89:23 137:2,4,6,11 139:2 |
| knew | 232:2 234:4 237:13,18,19 | 254 | 139:10 140:3,16 141:1 |
| 122:16 2 | 238:24 239:2,7,9,21,21 |  | 155:18 163:12 164:3 |
| 289:10 | 241:21 243:1,3,12,14,24,25 | $230: 1 \mathrm{~s}$ | 165:16,25 166:5,8,12 167:2 |
| know | 244:6,10,13,16,19,24 245:3 |  | 168:9,22 169:18 170:4,17 |
| 7:1 8:16,18,19,20,21 10:5 | 245:9,10,18 247:6,6 248:1 |  | 171:3 175:4,9 178:5 188:21 |
| 10:23 11:16 12:2,6,14 13:6 | 248:9,21 249:10,10,11,11 |  | 190:5,11,13,17,18,20 191:3 |
| 20:17,24,24 21:4,7,23,24 | 253:22 254:7,10,24 255:8 | $4: 1 \text { 120:15 121:4 128:16,17 }$ | 191:21 193:3,16,17,19 |
| 24:18,19,24 25:6,12,13,17 | 255:24 256:3,3,20,23 | 130:1 259:1 289:4,18 | 194:1,2,3,7,9 195:23 |
| 25:25,25 26:16,18,24 27:10 | 260:11 261:11,17 262:7,22 | laws | 197:16 199:1,6,7,17,25 |
| 27:25 32:2 33:15,19,25 | 263:6,14,21 $264: 9$ 265:5,11 | 128:18 248:7 253:9 254:19 | 200:13,16,17,19 201:22 |
| 34:12,15,15 35:12 37:19,22 | 265:20,22 266:10 267:10 | 254:21 256:10 277:14 | 202:4 203:14,18,21 204:2 |
| 40:4 41:2,8,15,21,21 42:10 | 267:21,21,22 269:11,17,20 | 280:9 | 204:13,17,22,23 205:8,10 |
| 44:18,19 45:7,7,14,18 | 270:15,20,21 272:18 273:4 |  | 205:13,16 206:12 220:13 |
| 46:14,14,14 48:8,9,11 49:3 | 273:9 274:15,16 276:6,12 | 259:18 | 239:16,20 240:21 247:15 |
| 49:3,18 50:12,24 51:3,8 | 277:1,13 278:3,6,10,25 |  | 247:22,23 248:11 252:9,15 |
| 52:5,7,17 53:2 55:20,20,21 | 279:15 280:17 281:22 | 19yers | 252:16 254:2 259:4 268:18 |
| 56:6,8,18 57:17 59:7,9 60:6 | 282:3,8,10,20,21,22,23 |  | letter |
| 60:19 62:14,15 66:8,14 | 283:2 284:12,21,22,24 |  | 3:16,23,25 4:2,7,16,20 5:1 |
| 67:10 68:8,14,24 69:1 70:6 | 285:4 287:10 289:7 290:7 |  | 47:25 48:4,8,17,24 49:9 |
| 70:11 71:8 74:3,3 75:4,7,19 | 290:11 |  | 50:8 51:17 79:10 225:20 |
| 75:21 76:8,22,23 77:2 78:1 | knowing |  | 226:4,6,17 227:2,8,9 229:3 |
| 78:14,16,16,20,22,23,25 | 237:9 243:20 | $\text { 17:2 } 49$ | 236:4,8 237:7 238:1,17,23 |
| 79:3,16,19,25 81:10 82:3 | knowledge |  | 239:1 242:6 243:7,24 244:1 |
| 82:16,24,25 84:8,10,12,17 | 38:24 39:4 47:23 57:8 | 208:25 | 244:6,14,17 250:6 251:22 |
| 84:21,24 85:5,11 86:2 | 74:15 76:11 78:4,8 87:9 |  | 253:3,11,16 255:3,7,10,12 |
| 87:12 90:19 91:14 92:21 | 208:17 239:14 266:12 |  | 255:15 256:5,18 257:1,10 |
| 93:4,9 101:7 103:15 106:8 | known |  | 257:14,19 259:16,24 260:7 |
| 106:18 109:6,25 110:1,2,21 | 273:9,15 | 69:1 | 266:15 267:2,20 269:12 |
| 113:15 115:1 122:5,9,13,15 | knrs |  | 270:8 $271: 21$ 272:3 273:19 |
| 122:18 123:21,23,24 127:3 | 240:3 | 16:1 73:9 98:11 112:25 | 277:9 278:17 279:5,6,8,16 |
| 127:18 129:19 131:9,10,13 | ks | 163:18 190:6 221:25 | 280:17 281:10 287:25 |
| 131:14,18,21 132:1 133:2,3 | 43:20 | 225:16 263:10 | 288:3,8 |

letterhead
221:25 222:2 223:9 225:17

## letters

48:23 51:21 226:21,23
letting 242:25 284:24
level
85:18 96:10 194:7
liability 138:14,19
license
16:13 40:21,22 80:12 253:23
licensed 81:4
licenses
40:17
lied 188:9
life 242:22
lifetime 207:7
light
13:3,4 64:10 72:3,8,25 141:13
lights 157:4,6,9,12,18
limit 158:3,4
limited 237:12
limits 175:12
line 96:10,13 97:3,3 98:22,23 99:20,24 100:24 101:15 109:4 112:17 113:7,9,11,18 114:12 115:12 119:17 121:9,10,13 127:22 129:10 144:4,9,13,16,19 195:4,10 222:20
lines 96:10 97:13 98:16,19,20,21 99:2 105:11 117:14 119:18 133:5
liquid
93:22 94:2,17 143:5 151:24
list 43:11 288:14
listed 33:16
Iisten 24:16
lit
157:14
little
13:4 15:5 35:9 48:19 76:10 88:15 93:24 96:17 116:4 129:18 145:13 158:19 196:4,5 201:1,1,2,4,4,5 226:1 228:23 250:11 275:19,20,20,22 289:25
live 8:22 102:23,23
living 289:4
IIc 1:7,8 2:9,10 5:6 7:10,10 44:5,7,25 45:2,9 47:5,8,19 52:6,9,16 53:3,21 55:17,19 55:22,25 56:3,5,12 57:2,9 57:22 58:14 61:3 74:16,22 75:19,25 76:7,7,12,12,21 77:21,23 78:1,5,8,13,21,24 81:24 82:5,8,11,14,18,21 83:2 86:23 87:4,4,10,11 219:14 221:4 222:1,17 224:13,18 228:1,15 $241: 24$ 257:16 274:20
logo
221:25 222:4,8 224:11,13 263:11
Iondon
21:5
long
14:6, 16 15:24 17:11 18:2 24:1 64:3 68:19,19 103:16 106:1 109:6 121:16 129:6,9 129:9 130:8 131:22 155:1 163:1 176:11 183:2 207:5,5 227:12 277:13
longer
90:19 234:16 237:2 260:21
look
19:19,21,22 40:13 42:9
43:1 44:19 57:16 58:9,10 58:13 61:2,16 78:15 88:20 95:19 111:11 113:15 127:2 127:19 134:12,16 138:8 150:25 151:6,11,15 173:13 174:25 175:16 176:23 178:14,15 188:3 189:15 190:5 192:22 198:2 199:9 211:19 212:3,7,8 213:3,9 214:16 215:3 219:2 221:6,7 221:16,22 224:2,7 225:13 227:20 228:8,20 229:10 237:17 238:18 241:17,20 243:12 245:18 246:20 247:8 249:13 250:15,22 251:14 258:1,1 262:2 263:6
look (cont.)
264:8 267:9 269:19 270:14 270:16,19,23 271:25 274:8 276:5,6,8 277:19 280:25
looked
50:17 51:8 89:15 151:1 186:1,3,3 231:3 232:13 254:14 274:14 278:13 279:1,1
looking
19:23 79:17 85:10 93:3 96:17 127:4 134:21 140:2 158:1,13 187:25 223:16 229:14 246:9,10 262:23 278:10
looks
46:16 96:12,19 100:6 102:8 113:2 181:20 224:15
248:24 263:11 268:9 271:11
lose
102:25 158:18,18,24
loses
102:17
losing 158:10 220:6 227:11
loss
147:24
losses
208:13 231:7 259:20
lot
21:24 39:21 50:19 69:16,25 70:4,4 148:9 163:17 176:3 188:23 198:12,25 199:1,1,7 208:14 215:17 216:2 217:5 266:17
lots
22:3 95:14 199:5 241:16
loud
153:21 282:12
loudly 9:18
low
92:18 93:22 104:11,12,16
lower 161:13
lowering 161:14
lowest 93:10 132:16,17
Itb 5:6 55:10,17,19,22,24 56:3 56:5,12,16 57:2,8,22 58:14 59:18 60:17,20 61:3 74:15 74:22 75:19 76:7,12 77:21 78:11,12,20,23 81:23 87:3
ltb (cont.)
87:7,10 133:17 222:17
223:3,6,8 224:18
Itb1
1:8 2:10 7:10 75:25 76:7,12
76:20 77:1,2,4,7,10,12,20
77:23 78:1,4,8 82:5 87:4,11
lucite
194:10,14,14
lunch
126:10,16

| $\mathbf{m}$ |
| :--- |
| ma'am |
| $116: 19$ |
| machine |
| $86: 11$ 195:24 |
| mad |
| 289:15 |
| magnifying |
| $216: 18$ |
| mail |

4:9,12,15,18,19 5:16,19
8:12,13 19:8,11,12,13,14 19:24 20:3,4 262:19 264:11 268:4,8,25 269:1,23 270:6 270:8,25 271:2,8,18 272:9 273:3 281:6
mailing 8:9
main 1:18 98:14 115:10
maintain 57:6 70:23 102:14 111:2 139:2,11
maintained 77:23 87:3
maintaining 39:16 136:19,24 137:2,6,9 137:10
maintains 92:6 136:14
maintenance 4:5 5:12 111:5 222:11 224:23 225:9
major 45:5
maker 56:12
making 119:25 120:6 131:17 132:21 234:22 291:5
man 41:11 60:8 103:17
manage 61:1

## [manager - morning]

| manager | math | member | minuses |
| :---: | :---: | :---: | :---: |
| 45:9,14,22,22 46:5,6,12,18 | 13:20 196:10 | 58:22 | 154:22 |
| 47:1,2,3 53:4,5,13 55:22 | mathematics | members | minute |
| 58:22 59:12,13,18 60:2,13 | 232:5,10 | 45:2,4 | 41:25 178:21 189:1 218:15 |
| 60:16,21 65:21 76:24,25 | matt | membership | 249:1 |
| 77:3,16 78:23 79:3,19,21 | 284:5,9 | 38:23 | minutes |
| 82:18 84:6 127:25 223:3 | matter | memo | 11:11 12:5 264:1 |
| mancini | 261:11 | 4:22 | mirror |
| 2:16 7:20 | maximum | memorandum | 141:11,12 |
| manufacturer | 121:13 | 5:17 49:8 236:15 270:11 | missed |
| 67:12 162:20 | maxwell | 272:16 273:13 274:4,9,19 | 187:14 188:1 |
| manufactures | 3:24 243:18 | 276:14 | misspelled |
| 53:23 86:24 194:13,17 | mcconkie | memory | 273:15 |
| manufacturing | 48:24 49:8 236:4,16 259:2 | 12:21 60:8 | mistake |
| 53:22 88:3 120:2 145:2 | 259:22 260:17,18,19 | mental | 223:13,22 259:14 261:7 |
| 163:14 192:23 195:14 | 264:22 273:13,19 274:3,12 | 15:9 | mit |
| 196:22 198:3 | mean | mention | 22:18,19 24:9,11,18,22 |
| marie | 44:17 70:19 74:10 81:9 | 32:16 | mixed |
| 14:15 15:4 | 84:22 103:24 106:16 | mentioned | 15:11 |
| mark | 123:17 124:16,20 125:2 | 18:7 31:22 36:1 59:1 67:22 | mlm |
| 276:2 | 135:5,10 137:2 152:13,14 | 92:8 153:5 | 47:11 |
| marked | 153:22 159:15 166:2 174:2 | merit | mold |
| 7:24 42:5,7 57:11,13 58:9 | 214:4 215:1,19 218:5,10 | 293:7 | 86:10 92:7 |
| 87:16,18 126:12 127:20 | 227:4,13 234:2 239:22 | mesquite | molten |
| 173:7,12 189:14 192:16 | 241:1 254:23,23 270:9 | 63:23,25 65:4,5,16 66:9,19 | 91:21,22 92:8,9,14,16,17 |
| 197:20 211:17,25 216:4 | 277:14 279:18 282:18,25 | 66:23 67:4 68:20 69:6,9,14 | 92:19 93:2,15,20 94:1 95:5 |
| 217:6 218:17 219:3 223:25 | 286:14,16 287:18,21 | 69:15 94:5,7,14 151:21,23 | 95:9,11,11 148:23 149:24 |
| 225:11 227:17 228:19 | meaning | 153:6,10,12,18 154:3,4 | 151:20 154:14,18 155:2,3,8 |
| 237:17 241:18 243:9 | 285:13 | 157:22 | 156:1 158:14,21 159:7,8 |
| 245:15,17,23 248:25 249:6 | means | met | 160:8,8,9,13,14,16 168:14 |
| 249:8,14,18 257:6 261:5 | 70:20 121:8 124:17 281:23 | 27:25,25 29:21 30:23 31:19 | 168:15 170:7 |
| 263:2 264:5 267:6,8 269:19 | 282:24,24 | 120:5 242:23,24 245:10 | moment |
| 276:3,5,9 277:19 280:22,24 | meant | metal | 19:7 |
| market | 269:5,16 | 93:22,22,23,23 94:2,17 | monday |
| 80:16 207:22,23 | measured | 151:25 268:17 | 251:10 |
| marketing | 148:10 | meter | money |
| 47:11 61:5 80:9,19,25 81:3 | mechanical | 156:22,24 | 81:18 83:10 84:25 85:1 |
| 81:6 82:9 83:14,14,16 | 33:10 34:13,18 | meters | 123:3,4,10 124:7 137:22 |
| 139:10 231:16 232:7 | mechanism | 66:10 156:8,10 | 171:12 172:14 183:17 |
| marking | 92:4,6 | mid | 185:12,14 207:3,3 233:2 |
| 191:16 | medication | 24:3 | 238:6,10,11,21 239:4 |
| marks | 13:1 | middle | 259:13 266:5,17 |
| 184:17 | medications | 15:2 112:13 140:12,12 | monitor |
| marriages | 12:20 | 141:7,7 | 50:9 51:4,15 107:17 |
| 14:18 | meet | millard | monitoring |
| married | 119:10,21 120:4 123:2 | 8:23,24 9:1 72:15,15 87:25 | 102:24 |
| 13:24 14:7,11,13,16 | 178:2 255:2 | million | monitors |
| match | meeting | 124:10,11 208:6 266:17 | 101:14 102:25 |
| 212:9 | 32:9,21 33:1 245:6 | millions | month |
| matching | meetings | 84:23 | 68:24 69:2,11 |
| 204:1 | 29:10 | mind | months |
| materials | melt | 46:15 163:2 237:15 246:19 | 255:5 |
| 194:17 | 170:7 | 269:15 | moran |
| material's | melting | mine | 2:47:18 |
| 245:3 | 92:18 93:11,23,23 | 180:10 245:2 277:4 | morning 126:20 |

[motion - oil]

| motion | need (cont.) | noncompliance | object |
| :---: | :---: | :---: | :---: |
| 43:7 | 165:24 167:14 177:11 | 281:18 282:1 | 11:2 31:6 41:12 131:2 |
| motor | 185:8 195:17 202:16 213:6 | nonresponsive | 168:4 169:14 172:12 241:5 |
| 96:25 144:1,2,9,13,15 | 216:18 234:16 271:20 | 172:12 | objection |
| motors | 272:2 288:14 291:14 | nope | 11:3 50:23 209:2 |
| 143:25 | needed | 126:19 164:19 197 | obligate |
| mountain | 7:2 | normally | 122:22 125:3 |
| 64:10,12 103:17 104:6,19 | needs | 19:19,22 144:10 189:8 | obligated |
| 104:23 105:13,20,24 106:4 | 120:4 | 199:13 | 87:7 123:2 171:8 239:12 |
| 110:3 112:5 115:25 116:24 | negotiat | northea | obligates |
| 117:7,10,20,22 118:22 | 84:1 | 97:11 | 172:9 |
| 119:5 120:24 121:19 122:6 | negotiat | nos | obligation |
| 122:8,14 128:14 | 85:15 | 245:2 | 10:19,21 |
| move | negotiates | notary | obtained |
| 161:11 $283: 1$ | 84:4 | 292:16,17 | 63:17 64:6,15 242:10 |
| moving | neg | note | obtaining |
| 162:12,17 222:5 | 2,5 | : 177:4 | 242:5 |
| multilevel | neighborhood | notes | obvious |
| 80:19,25 81:3,6 | 36:9 176:21 | 238:3 246:6,7,16,22,2 | 179:17 184:24 |
| multiple | neldon | 247:5 293:17 | occasion |
| 5:8 | 1:8,8 2:10 3:4 4:3,8,23 6:4 | not | 51:17,24,25 |
| n | 19:9,18 55:23 | 284:16 | occasionally |
| ame | 274 | no | 11:2 50:15 |
| 6:12,17 8:7 9:4 15:2,15 | 251:6 272:11 274:20 | 6:22 | occur |
| 17:7 23:9,11 30:19 33:15 | 281:17 292:11,14 | november | 11:15,15 |
| 33:22 34:11,14 41:24 43:14 | nelson |  |  |
| 60:5,8 68:6 75:19,22 76:3 | $\begin{aligned} & \text { 2:12 } 26: 1142: 1,528: \\ & 48: 6 \\ & 50: 7 \\ & 74: 18 \\ & 75: 9 \end{aligned}$ | 143:6,9 180:16,18 | offend |
| 76:15 88:21 92:21 94:21 | 186:25 187:5 265:12,20 | npi | $\begin{aligned} & \text { ffend } \\ & 291: 9 \end{aligned}$ |
| $\begin{aligned} & \text { 109:25 123:21,23 126:5 } \\ & 133: 12147: 9162: 2,10 \end{aligned}$ | 266:2,14 267:3,14,18 269:9 | 36:15 37:6 38:7,13 39:8 | offer |
| 179:7 187:3 194:12 205:18 | nelson's | nsa | 231:25 235:19,20,21 |
| 228:23 229:7 257:15 261:9 | 33:4 | 30:17 32:3 | 238:22 280:9 |
| 293:20 | net | nu | offered |
| named | 220:18 | 50:2 57:14 62:25 85:3 | 70:8 235:23 237:2 239:18 |
| 59:14,1 | nevada | 04:9 180:17 192:10,13 | offering |
| names | 65:5 66:9,19,23 67:4 69:6,9 | 199:11,15 200:8,21 202:11 | 233:24 234:18 235:5,7,12 |
| 14:24 15:11,13 25:16,25 | 74:23 75:6 151:22,23 | 202:11,12 204:14 206:1 | 235:18 |
| 27:10,12,13 28:20 29:20 | 157:2 | 1:20 237:20 249:1 | office |
| 30:22 31:18 32:17 33:25 | nevis | 264:20 272:1 | 1:17 21:18 22:5 197:11 |
| 34:1,2,16 41:17 60:7,9 |  | numbered | officer 290:2 |
| 65:23 106:8 110:11 123:24 | 3:20 37:24 38:15 59:24 | numbers | offices |
| 150:18 179:15,17,18,22,24 182.24 | 67:15,25 90:5,8 147:3,7 | 7,24 200:12,15,15,25 | 31:17,19 |
| 182:24 | 163:4 167:5,5,6,7 173:22 | 202:4,21 203:4,21 204:1,4 | oh |
| $23: 231: 22,23 \text { 32:8,9,23 }$ | 186:15 232:3 235:9 249:5 | 204:25 205:6 206:2 219:10 | 13:22 15:2 35:18 41:11 |
| national | nice | 221:13 | 43:6 60:8 69:25 92:24 |
| 210:16 | 162:9 197:8 218:2,7 | number's | 97:10 100:5 103:15 106:5 |
| natp | nitrate | 5:21 | 128:9 173:7,10 174:7 |
| 241:14 | 94:8 | 0 | 175:23 176:10,13 178:2 |
| natural | 68:18 94:9 |  | $\text { 246:1,3,15 } 248: 25 \text { 255:4,12 }$ |
| 160:20 | nod | 78:11,13,21,23 | 258:14 161:11 273:21 |
| 8:3 9:18 10:5 11:6 12:5 | 9:23 | oasis <br> 8:10 | 276:2,19 284:14 290:25 |
| 24:7 60:23 73:16 77:18 | non | obama |  |
| 84:11,11 101:24 109:23 | 131:6 | 265:4 | $\begin{aligned} & \text { 68:5 93:16,20 94:1,4,4,7,1 } \\ & 94: 13149: 25 ~ 151: 21,23 \end{aligned}$ |

oil (cont)
153:6,9,17 154:8 155:9,13
155:15 156:1 157:21
158:15,24 160:10,11
161:14,20,22,22,25 162:1,8
162:9,11,16 163:1,2
okay
9:7 10:9 11:23 12:3,19 13:2
15:6,25 16:3,5 18:9,11 19:6
24:9,20 25:9,16 28:5 29:5
33:13 35:5,18,25 38:12,18
40:3,23 $41: 20,22,23$ 42:11
42:12,19 43:3,3,6,7,10 44:2
44:21 46:2 47:13 55:10,12
55:15 57:18,22 58:22 59:4
59:7 61:11,15,15,16 62:12
72:1,19,24 73:6,19 75:13
75:24 78:17 79:8,13,14
82:11 86:12,14 87:1 88:2,6
88:14,19 90:11,13,15,16,21
90:23 91:2,18 93:7 95:10
96:23 97:12,15,25 98:7
99:1,5,12,24 100:5,14
101:23 103:4 105:15
107:21 108:3,17,19,20
111:7,11,20 112:1,7,9
113:7,13,15 114:20 115:4
115:21 116:8,9,18 117:9
118:7,9,16 119:1,7 120:22
121:18,22 125:10 126:4,23
127:1,6,17 128:3,13 130:22
131:7,16 134:10,14,16,19
135:3,20 138:11 139:22
140:7,20 141:4,6,10,15,25
142:20,25 143:4,6,10,24
144:23 145:8, 14,21,25
151:19 156:8 159:3,4,5,25
161:5 165:10 166:25 167:3
167:5,16,22 169:16 170:9
172:4 173:15,17 174:5
175:1,10,15,18,19,23,25
176:19,25 177:10,17,20
178:7,19 179:5 180:8,9,25
181:8,13,19 182:17 184:3
184:11,12,19 185:19 186:8
188:10 189:17,21 190:4,7
190:12,15 191:15,17,19
192:2,15,17,21 193:1,4
194:8 195:5 196:4,5,12
197:2,4 202:15 203:2,9,20
203:24 204:15,17 205:5,16 207:12,25 209:18 211:13 211:22 212:2,17 213:2 214:9,15,16 215:6,9,18,24 216:1,17,25 217:15 219:12 219:20,22 220:11,23 221:3

| Okay (cont.) | operating | owned |
| :---: | :---: | :---: |
| 221:6,9,13,17,19 222:4,7 | 59:8 107:22 136:19,23 | 36:2,14,17,18 37:7 38:6,7,8 |
| 224:1,4,17 225:5,8,15,23 | 137:1,8,16 148:16 | 38:13,14 44:13 47:18 64:6 |
| 226:4,15,22 227:4,11,14,19 | operation | 64:16 |
| 227:23 228:4,5,7,10,16,22 | 4:4 5:12 57:7 137:20 | owner |
| 228:22 229:4,9,16,25 230:3 | 222:11 224:23 225:9 | 45:5 63:11,12 167:22 169:5 |
| 234:21 235:17,21 236:9,14 | operational | 171:18 172:15,23 173:3 |
| 237:1 238:22 239:14,23 | 87:8 107:16 163:20 | owners |
| 241:4,19,22 242:14,17,25 | operations | 39:4 |
| 243:11 245:20 246:12,22 | 53:11 | nership |
| 247:2,4,5,10,17 248:13,18 | opinion | 36:6,12 37:13 45:4 79:16 |
| 249:19,20 250:10,13,20 | 48:24 226:17,21,22 227:8,9 | ownership's |
| 251:2,14,18,19 252:11,12 | 234:7 235:22 236:25 237:7 | 36:22 |
| 252:24 253:10 258:18 | 253:11 259:16 280:10 | owns |
| 260:15,24 261:12,13,19 | 285:10 | 38:5 39:2 40:17 44:7,12 |
| 263:8,14 264:10 265:7 | opinions | 47:16 52:23 55:19 76:20 |
| 266:11 267:12,17 268:4,19 | 182:14 280:11 283:24 | 78:20 79:15 82:14 105:6 |
| 269:4,11,22 270:3,18 271:7 | opportunities | p |
| 271:15,17 272:5,6 273:2 | 11:21 | p\&e |
| 275:5,8 276:25 277:1,7,10 | optic | 219:10 221:14 225:2 |
| 277:18,21 $278: 2$ 280:17 $281: 3,812,14283: 1285: 17$ | 33:1 | p\&r574 |
| 281:3,8,12,14 283:1 285:17 2877 $290 \cdot 6,13,19$ | optic | 211:25 |
| 287:7 290:6,13,19 | 175:5 |  |
| old 13:21,22,22 60:7 67:15,23 | optics <br> $33: 8,13$ <br> $178: 1,1,2,19,20$ | 126:11,11 291:16 |
| , | option | p.o. |
| 15:5 | 237:5 |  |
| olsen | orangeinsure.com | pack $242: 4,11,12,23$ 245:7,8 |
| 219:10,14 221:14 222:17 | 69:24 270:2 | package |
| 224:18 225:2 | order | 194:5 254:17 |
| once $110: 12$ 120:10 121:1 | 6:20,22,24 7:4 45:6 85:18 |  |
| 119:12 120:10 121:1 | 105:2,3 123:2 158:3,3 | Page ${ }_{\text {3 }}$ (13 9:14 43:1,11,11 |
| 124:24,24,25 196:3 235:24 | 167:25,25 168:14 198:15 | 61:12 127:19 177:5,23 |
| 237:1 261:3 | 230:19,19 231:5,22 | 178:24 179:16 180:4,20 |
| ones | organizati | $\text { 186:5 190:6 } 211: 25 \text { 212:1 }$ |
| 40:9 63:25 89:8 125:2 | 80:9,20 | $213 \cdot 8219 \cdot 19222 \cdot 21224 \cdot 8$ |
| 136:15 152:14 169:23 | original | 225:2 228:8,25 229:2,10,15 |
| 182:25 199:2 200:18,18 | 128:18 179:18,20,24 | 229:16 237:23 246:9 |
| 259:24 275:19,20 | outlin | 250:22,25 251:3 258:1 |
| one's | 187:25 | 263:10 270:13,24 271:4,5,9 |
|  | outlined $236: 4$ | 271:15 274:19 276:17,20 |
| 220:24 | outside | 282:16 |
| 000 | 178:4 188 | ages |
| 2.2 | outstandin | 184:5,21 212:3 213:20,21 <br> 214:19263.5 293.16 |
| open | 123:6 125:15 |  |
| 3:16 102:13 289:21 | overall | 18:24 44:16 136:6,7 137:23 |
| operate | $71: 1$ | 139:6,16,17 165:11,15 |
| 57:3 58:17 70:22 80:23,25 | overcome | $166: 11,16167: 3,11,15,17$ |
| 98:22 107:20 109:9 111:1 | 279:1 | 167:20 168:21,23 169:1,3 |
| 133:5 139:2,11,13 | overlappin | 169:13 171:6,7,7,10,10,12 |
| operated | 215:17 | 172:6,14,23 173:3 208:14 |
| 57:9 77:24 87:3 | overlooke | 208:15,15 233:2 260:3,4 |
| Operates | overview | ale |
| 107:13,15 136:14 | overview 3:22 173:24 177:21 238:9 | 112:24 |

Johnson, Neldon
[pallet - pipes]

| pallet | passed | people (cont.) | personal |
| :---: | :---: | :---: | :---: |
| 205:10 206:7 | 156:13 | 35:15 38:14,18 39:22 40:9 | 19:10 176:5 |
| pallets | passes | 47:11 50:17,25 65:17,21 | personally |
| 193:1 194:18 | 141:1 | 69:13,16,23,25 70:3,12 | 37:1 51:21 137:14,15 243:8 |
| pan | patent | 80:23 87:6 102:21 106:5 | 247:23 |
| 89:4 90:24 | 21:18 22:5 26:17 27:7 | 110:23 111:9 120:5 125:8 | persons |
| pane | 167:7 | 132:9 133:4 134:1 135:16 | 27:11 |
| 190:12 | patented | 150:7,10,11,14,17 167:5,20 | person's |
| panel | 67:18 | 169:3 171:11,12 177:14,18 | 34:11,14 60:5 110:2 167:23 |
| 102:10 105:3,4 177:22 | patents | 180:21 181:23,25 182:20 | 179:7,13 226:16,24 |
| 183:22 | 21:24 22:3 90:6,7 153: | 182:22 188:6,7,14,18 189:6 | pertinent |
| panels | 167:10 196:11 | 196:21 206:22 207:1 211:1 | 71:1 |
| 3:14 194:3 | patty | 211:5 220:24 231:25 232:3 | pfo |
| paper | 4:7 | 232:24 238:1 240:16 243:1 | 219:15 222:18 |
| 20:22 27:16,18 33:3,14,17 | paul | 247:24 248:1,4 275:22 | ph.d. |
| 33:24 34:1,3,8,18 54:9 | 8:9 14:25 15:3 283:4,7,7,7 | 277:11,14 278:21 284:23 | 180:9 |
| 175:3,4 185:25 246:20 | 286:7,8,10,22 287:12 288:1 | 284:24 | phase |
| 247:8 | 288:5,9 | people's | 96:5 98:21 143:25 144:1,3 |
| papers | pause | 202:10 204:1 238:10,11 | 144:18 |
| 20:9,18 33:5,12 133:24,25 | 66:16 99:8 101:8 111:24 | percent | phillips |
| 174:5,8,10,13,17 175:2 | paused | 36:8 37:7,13 38:21 45:5 | 43:6 |
| 176:4 185:22 186:8 250:1 | 66:14 134:20 | 53:1 79:18 82:17 231:12,18 | philosophy |
| paperwork | pay | 231:18,19 235:3 265:4 | 177:22 |
| 79:5 | 19:20 55:6 120:16 124:6 | percentage | phone |
| paragraph | 129:3,7 139:10,12 166:19 | 36:6,14 | 2:47:18 |
| 181:3 228:3 258:2 264:12 | 166:21 167:1,9,19,21,22 | perf | photograph |
| pardon | 168:25 169:5,7,10,12 171:5 | 110:23 | 4:24,25 |
| 108:1 | 171:8,14,16,20,23 172:2,20 | perfectly | photos |
| part | 207:9 208:15 230:10 233:9 | 63:5 142:23 | 211:25 212:5,9,19 213:1,9 |
| 42:20 47:11 58:20 62:22 | 233:12 238:2 253:4,11 | perform | 214:22 215:3,9,21 |
| 92:3 120:7 129:11 133:24 | 288:11 289:10 | 54:4 55 | photovoltaic |
| 135:11 175:1 178:11,12,18 | paying | performance | 17:4,11 186:12,14 |
| 180:6 193:7 270:10 | 117:15,15 139:19 283:22 | 69:5,9 | physical |
| partially | 284:1 | performed | 86:7,7 |
| 156:20 | payment | 150:3 | pick |
| particles | 124:12 172:8 233:8,9,9,10 | period | 16:1 184:4 |
| 142:24 | 233:12 239:15,23 | 68:20 137:14 153:13 | picked |
| particular | payments | 155:24 238:19 255:5 274:2 | 249:25 |
| 51:4 89:1 114:10 140:17 | 239:19 | permanently | picture |
| 149:25 205:3 242:9 270:22 | pays | 104:7 | 190:5,16 214:7 |
| parties | 139 | permission | pictures |
| 7:12 | pedal | 48:22 63:12,17 64:6,11,15 | 146:1 212:8 |
| partly | 191:9 | 64:21 65:15 105:24 106:3 | piece |
| 175:2 | peer | 106:11 117:20 118:22 | 103:10 114:11 166:6 |
| partner | 20:15,17,18,23 21:2,12,17 | 119:5 120:24 121:1 | 193:13 232:3 246:20 |
| 36:18 | 21:19,25 22:6,20,25 30:4 | person | pieces |
| partnership | pen | 18:14 21:16 22:6 23:10,13 | 135:16 191:22 |
| 36:15 37:6 38:13 39:8 | 191:8 | 23:22,25 24:6,11,18,22,25 | pilot's |
| partnerships | pencil | 25:1 27:10,11,17 30:19 | 16:12 |
| 282:7 | 181:17 | 31:18 41:5 51:5 56:22 | pipe |
| parts | pending | 62:14 63:18 64:7,16 66:5 | 147:20,23 148:25 149:1,4 |
| 119:9 120:3,6,8,11 | 12:8 | 106:11 109:24 130:13,17 | 150:7,12,15,22 |
| party | people | 131:8 144:14 179:11 | pipes |
| 41:23 137:10 180:1 186:16 | 19:17 20:19 22:15 23:1 | 188:12 244:1 247:21 | 141:22 145:13 147:25 |
| 186:20 | 25:10,18 28:14,15 29:20 | 283:16 285:3,11 | 150:23 151:4 158:8 161:1 |
|  | 30:22 31:25 33:5,7,15 35:5 |  | 170:7 |

## [piping - pricing]

| piping | plastic |
| :---: | :---: |
| 92:2 145:10,19,21,22 | 190:19 191:23 193:2,6,13 |
| 146:23 147:19,22 148:5,8 | 195:7,24 196:2,4,4,5,6 |
| 148:10,14,17,18 149:3,5,8 | 201:2 |
| 149:11,20,25 150:3,13 | plastica |
| 154:20 161:15 | 196:3 |
| place | plate |
| 1:16 6:20 75:18 88:2 | 50:20 |
| 107:18 113:11 119:14,17 | play |
| 132:20,22 149:18 234:11 | 54:1,23 81:13,23 83:8 |
| 234:14,22,23 236:17 265:4 | 90:11 96:17 99:16,17 |
| 268:18 293:10 | 100:15 111:23 201:12 |
| placed | played |
| 48:2 66:9 128:25 226:19 | 88:24 89:13,20 90:2,14,22 |
| places | 91:6 95:23 97:19 101:6,12 |
| 273:10 | 111:15,25 134:18 201:13 |
| plaintiff | pleasant |
| 1:5 2:2 | 291:6 |
| plaintiff's | please |
| 42:8,22 57:13 58:9 87:19 | 6:15 8:7 10:12,23 11:15 |
| 126:25 127:7 128:3 173:7 | 12:1,6 18:20 24:16 42:4,8 |
| 173:12,13,18 174:21,23 | 43:1 44:19 58:4,7 73:7,11 |
| 175:25 176:8,23 177:2,14 | 78:15 94:20 114:16 117:2 |
| 184:4,20 186:1,6,9 189:15 | 126:9,14 165:20 175:16 |
| 189:18,21 191:2,17 192:16 | 177:9 178:13,14 182:18 |
| 193:8,14,21 197:21,24 | 189:15 211:19 218:15,19 |
| 201:7 211:17 216:4,7 217:7 | 219:2 221:6,8 224:2,7 |
| 217:14,16 219:3,19 221:7 | 227:20 228:8,20 229:10 |
| 221:16,22 223:25 225:12 | 241:20 245:14,18 262:2 |
| 227:18,24 228:20 229:11 | 263:6 264:8 269:9,19 |
| 237:17 238:25 241:18 | 270:19 271:25 272:8 276:4 |
| 243:10 245:17,22 249:4,8,9 | 280:21 |
| 249:18,21 250:15 251:3,15 | plus |
| 251:22 257:6 258:20 261:6 | 148:20 154:22 |
| 262:20 263:3 264:5,12 | plywood |
| 267:7 269:19 270:16,24 | 100:7,12 |
| 276:5,14 277:19 280:24 | point |
| plan | 27:1 29:8 46:7 61:23 79:6 |
| 118:1,5,19,24 119:3 122:17 | 92:18 93:23 107:9 133:9 |
| 184:25 | 141:14,23 142:1 148:1 |
| plans | 204:16 |
| 115:24 116:22 | pointed |
| plant | 100:5,6 |
| 57:4,4,6,9 59:8,11,18,22 | pointing |
| 60:2,13,16 61:1 72:10,11 | 98:5 102:8 107:6 112:4 |
| 72:14 77:17,24 88:3 102:12 | points |
| 102:18 103:2 107:10,12 | 93:11 |
| 109:2,3 110:25 116:15 | pole |
| 120:13 124:22 145:3 160:1 | 99:21 112:4,12,13,14,24,25 |
| 160:3,19,24 | 113:5,7,10,12,16,24 114:2 |
| plants | 115:2,4,17 116:1,4,25 |
| 58:19 59:13 60:21 111:6 | 117:8 140:12 141:7 |
| 125:6 | poles |
| plaskolite | 112:8 |
| 194:9 197:16 | police |
|  | 290:2 |


| polish | power (cont.) |
| :---: | :---: |
| 186:12 | 114:12 115:12,18,25 116:9 |
| portable | 116:13,14,15,24 117:7,10 |
| 69:18 | 117:20,22 118:22 119:5,11 |
| portion | 119:12,16,18 120:13,24 |
| 63:12 97:22 98:15 99:10 | 121:9,10,10,12,19 122:8,14 |
| 100:12 107:10 192:23 | 123:5 124:22,25 125:6 |
| portions | 128:14,15,24 129:7,9,10,14 |
| 177:2 | 129:15,17,20,21 130:7,14 |
| position | 131:7,18,23 132:10,15 |
| 69:14 231:22,24 | 133:6,9,10,17 156:25 |
| positive | 157:15 159:24 160:1,2,19 |
| 16:14 17:25 18:22 24:14 | 160:24 229:24 |
| 26:23 29:17 39:11 44:9,14 | powered |
| 44:24 49:6 52:3,25 56:10 | 157:18 |
| 56:13,19,24,24 63:20,22 | powering |
| 64:2 65:18,22 68:10,13 | 157:3 |
| 72:7 75:5 76:4 80:1 94:6,23 | power's |
| 95:2 96:24 103:24 104:1 | 107:17 117:12 122:6 |
| 128:22 136:8 137:21 | pre |
| 186:11 243:5 262:1 278:1 | 195:10 |
| possession | predicted |
| 255:16 | 180:18 |
| possible | prefacing |
| 93:11 214:15 291:6 | 15:25 |
| posted | preferred |
| 49:8,20 | 35:18 36:10 |
| posts | present |
| 50:22 | 2:4,15 7:6,19 16:10 30:14 |
| potassium | 74:5 77:14 |
| 93:7 | presented |
| potential | 23:18,19 |
| 248:5 | pressure |
| potentiall | 68:18 142:19 143:1 |
| 86:13 | pressurized |
| poulsen | 149:8 |
| 2:12 | preston |
| pound | 219:14 222:17 224:18 |
| 148:3 | pretty |
| power | 244:5 |
| 57:3,4,5,5,6,9 58:16,19 | prevent |
| 59:13,18,22 60:21 61:1,22 | 12:15 13:20 158:9 |
| 62:23 64:9,10,13 67:19,21 | previous |
| 69:1,6 71:7,9,19 72:3,5,8 | 11:14 91:15 250:8 |
| 72:10,11,25 77:16,24 78:9 | previously |
| 96:7,10,13,25 97:2,4,13 | 37:6 173:12 192:16 216:3 |
| 98:16,19,20,21,23,24 99:18 | 228:19 |
| 99:24 100:17 101:15,16,17 | price |
| 101:19,20 102:12,14,17,17 | 129:15,16,17 130:9 132:16 |
| 102:18,20,22,25 103:1,2,17 | 132:17 163:3 206:15,16,19 |
| 104:3,6,12,17,19,23 105:6 | 206:23,25 207:17 |
| 105:10,11,13,20,24 106:4 | priced |
| 106:25 107:2,7,9,10,12,16 | 207:24 |
| 107:19,19 108:11 109:2,3 | pricing |
| 109:24 110:3,25 111:6 | 86:18,21 |
| 112:5 113:9,11,17 114:12 |  |

[print - quarter]
print
201:2
printed
204:5
printout 189:22 216:8 217:20
prior
59:24 64:24 250:7
privilege
11:5 252:7,10
privileged
252:18
probabilities 232:5
probably 15:24 17:23 18:21 24:8 27:20 36:8 49:13,22 50:2 71:3 79:18 83:18 84:15 106:1 114:9 135:23 146:18 161:20 164:11 174:3 176:4 176:15,18,21 177:19 179:12 183:24 184:9 187:20 189:24 198:20,21 199:6,23 210:10 212:12,24 216:23 223:13,16 226:25 230:23 231:18 244:18 246:18 254:7 256:15 264:23 267:23 276:13 278:18,19 284:13 287:18 288:10,10
problem 10:1 94:7 111:5 120:19 150:1 151:1 158:2 160:23 161:21 223:20 238:4 254:11
problems 94:11 119:22 155:7 158:13
procedure 7:22 25:6 63:10 64:2 252:20
procedures 105:22
proceed 232:6
proceedings 73:9 75:23 293:9,13
process
20:22,25 63:9 71:9,11,15
129:25 131:22 132:5 144:10 153:24 158:2
168:24 188:2 199:5 203:8 207:4 231:8

## produce

66:2 119:15 122:12 133:22 134:8 151:10 170:6 196:12 255:19 267:3 269:9 288:7
produced
$66: 18$ 67:19 102:20 107:3,4 108:13 109:17 122:15 128:4,11 151:9 167:23
174:13 176:5 268:3 269:13 288:3
producing
109:11 123:5
product
139:4 172:16 187:17,22
198:25 231:16 232:8 248:1
249:25 255:11,13,22 268:3
269:14
production
119:24 122:23 129:16
133:21 207:8,8
products 80:17 231:3
professional 22:22,23 41:24
professionals
20:20 23:3
profile
5:6 57:22 58:14
profit
207:11 232:24 234:24,24
profitable 234:16
profits 232:18
program 16:10,11 18:8 205:14,15,18 205:19,20 206:5 231:25 233:3,6,6 234:17 235:24 264:16 265:1,3,10,16 266:13 283:15
programmer 220:25,25 223:14
programs 205:12 221:1
project
26:17 53:24 71:2 72:3,9,14
85:2 101:17 138:18 161:11
162:18 167:4 171:12
183:19 185:12 259:11,24
268:7,10,15 274:7
projects
70:6,13 83:18 85:14 111:4 119:9 147:13 167:12
promise
250:12
promoting
237:12
propane
160:20
prope
92:6 119:8 120:1,11 121:2 121:3
properly
105:8 106:14 107:20,22
108:5 109:9 157:15
property
97:7,7,11 114:11,12,13 135:19 138:23
proprietary 58:18
protect
11:5 138:23
protective 6:20,22,24 7:4
protects 101:18,21
provide 23:13,16 26:4 29:23 31:1 69:13 119:8 121:10 169:19 183:1 234:17 239:18 260:7
provided 23:17 24:6 33:3,14,23 119:3 137:22 165:12 228:14 256:13
provider 105:6
provides 99:18 194:9
providing 289:9
provisions
7:4
psi
149:9
public 36:4 208:19,21 243:18,18 292:16,17
publication 20:11
publish
179:17
published 20:8 187:20
pull
115:12
pulled 289:24
pump 154:5
purchase
4:6 5:10 66:5 71:7,9,20 78:9 128:24 131:8,19,23
204:3,4 219:6 220:5,8,12
221:21 227:25 238:2 240:21 280:7
purchased
67:6 109:7 205:16 226:8
purchaser 236:17
purchasing 278:21
purified 172:24 173:3
purport 165:12
purportedly 240:20
purports
219:13 223:3 224:17
purpose
57:2,3 140:20,24 240:15
280:12
purposes
194:6 239:16
push
144:2
pushing 158:9 235:9
put
48:15,22 49:23,23 51:7,10 66:18,22 67:5 68:17 70:20 72:5 95:16 97:1 101:16 106:16,24,25 107:2 110:12 110:12 111:10 116:10 117:8,11 119:14 122:3 124:25 128:15 135:17 138:4,4 144:2 149:5,20 152:8 154:19 155:6 156:24 157:15 162:20 164:1 192:9 192:13 196:10 198:25
199:1,14,25 200:4,12,15,18 200:19,19 204:6,8 207:10 214:2,5,10,11,13 215:25 223:5 226:11,15 227:5 233:7 236:20 238:9,14 244:1 246:19,19 247:7 256:7,20 268:18 275:21 284:19
putting 119:23 199:4 268:17 279:17

## q

qualified 163:2
qualify 63:11 81:10 137:12 178:2 quantity 86:8 119:9 120:3
quarter 203:16 237:23

## [question - refer]

| question | \|ra3008930 | read | received (cont.) |
| :---: | :---: | :---: | :---: |
| 10:11,13,16,23 11:3,6,24 | 245:23 | 6:25 21:8,10 57:21 61:20 | 255:7 |
| 12:8,9 18:10 19:1 21:6,7,9 | ra3009201 | 62:2,6 95:16 114:22 116:20 | receiver |
| 34:25 41:4 66:13 86:13 | 57:15 | 116:21 174:3 177:4,7 181:1 | 141:5,8,15,17 159:21 |
| 93:18 103:8 107:25 114:16 | ra35698 | 182:6 216:5,16 217:8 218:8 | 161:19 |
| 114:19 116:20 117:3 122:4 | 127:20 | 218:12 226:13 246:3 | receiving |
| 122:21 132:7 153:15,21 | radiator | 258:10 269:2,3,16 272:4,12 | 230:4 |
| 156:18 163:4 165:9 166:24 | 162:21 | 273:13,14,16,18,21 275:5 | recitals |
| 168:7 177:6,12,13 183:20 | radio | 277:13 278:3 279:1,2 | 222:16 |
| 205:4 208:11 209:9 212:14 | 240:3,5,7,10 | 281:21 282:3,10,11,12 | recognize |
| 212:15 218:11 220:2 | radius | 288:2,11 290:20,23 | 19:8,14 20:1 52:19 57:19 |
| 233:15 240:23 241:2 | 175:9 | ready | 89:1 127:7,9 173:18,25 |
| 264:25 265:6 284:15 | raid | 42:10,11 164:1 173:16 | 189:18 217:16 226:1 |
| questions | 199:19 | 201:24 211:20 224:3 | 241:24 245:24 249:9,11 |
| 6:22 9:16,16,19 10:22 | raided | 225:14,15 227:21 237:18 | 259:19 261:9 276:11 |
| 12:16 13:11 24:17 34:23 | 256:22 | 243:13 245:19 263:7 264:9 | 277:22 |
| 73:15 104:9 111:24 118:12 | ramifications | 267:10 276:6 | recognized |
| 118:15 120:21 145:8 | 254:21 | real | 32:17 |
| 158:23 159:2 177:11 | ran | 10:1 14:6 58:13 99:8 | recognizing |
| 211:21,24 218:9 224:3 | 109:1,18 115:15 | 126:24 155:16 | 43:7 |
| 227:22 236:20 245:19 | randale | realize | recollect |
| 263:7 264:20 267:11 272:8 | 15:1,3 38:19,25 39:5 | 153:8 | 65:20 |
| 276:7 281:5 290:16 291:2,4 | randy | really | recollection |
| quick | 20:6,6 40:8 | 18:3,23 $41: 2$ 50:19 56:6,19 | 12:17 56:14 79:6,7 128:19 |
| 14:6 30:11 58:13 67:1 72:2 | range | 57:21 69:19 82:16 85:10 | 212:10,20 215:11 259:8 |
| 73:25 87:14 99:8 120:21 | 130:9 139:21 | 109:19 131:25 147:3,4 | 265:1 267:24 287:5 |
| 126:24 155:16 173:13 | rapidly | 148:4 162:9 186:11 198:15 | record |
| 221:15 237:17 | 158:20 | 211:24 233:24 234:4 263:4 | 6:9 8:8 9:23 11:4,16 12:13 |
| quite | rapower | 279:2 281:4 | 21:10 57:14 58:4,5,6 66:11 |
| 20:10 24:4 27:21 30:7 | $1: 72: 93: 15,15,164: 45: 10$ | rear | 66:17 67:1 69:8 73:7,11,12 |
| 103:21 118:25 198:19 | 6:10 7:9 18:16 40:18 44:5,7 | 98:2 | 84:15 87:14,15,22 88:22 |
| 223:11 282:4 | 44:15,25 45:3,9,11,16,17 | reason | 108:2 109:10 114:22 |
| r | 45:22 46:4,5,9,25 47:5,8,14 | 10:23 13:10 43:21,24 56:15 | 116:21 126:9,14,16 127:4 |
| r\&c | 47:16,18,19,20,22,24 52:6 | 1:1 75:7 84:12 102:16 | 179:13 201:11 218:18 |
| 276:9 | 52:9,13 54:13 73:25 74:1,8 | 114:6,10 159:10 207:23 | 219:9 221:13 237:20 |
| \&d | 80:14 81:2 83:17,22 85:22 | 236:5 239:11 272:14 | 249:14 276:8 277:20 281:1 |
| 88:16 89:5,8,15 93:15 96:1 | 85:25 86:15,20,22 87:2 | 275:23 279:11 280:16,17 | 291:12,13 |
| 98:2,9 103:10 109:3,11 | 139:6 185:16 204:11 | 281:24 282:20 283:4 | recorded |
| 110:7,12,19 114:5,24 | 210:16 211:4,5 216:8,22 | reasons | 9:17 |
| 134:22 135:21 139:11,16 | 219:6,14 220:5,8,14,16 | 110:18 179:18 | records |
| 144:25 146:17 152:14 | 221:3,21,24 222:1,24 223:4 | reay | 69:4 76:23 128:10 138:9 |
| 159:8 164:3 165:16 166:13 | 223:9,10,14 224:8,13 225:3 | 7:6 284:1,14 | 150:2 151:4,14 152:19,21 |
| 166:19 167:4 168:3,17,24 | 253:25 255:23 257:16 | recall | 152:22,25 164:17 179:14 |
| 169:19 171:1,6,10,13,24 | 276:15 292:1 | 69:7,10 71:12,14 74:1 79:2 | 208:18 221:21 287:2 |
| 203:9 207:3,25 208:25 | ratios | 79:4,23 82:21 87:23 88:4,8 | recover |
| 209:5,12,24 210:2 $211: 6$ | 178:16 | 182:20 213:4,9 267:13 | 259:14 |
| 231:2 | raw | 274:3 | rectangle |
| r\&d's | 196:4,5 | recalled | 193:6,14 195:9,13 |
| 208:13 | rays | 72:5 | rectangles |
| ra3004771 | 141:19 | receive | 193:4,20 196:14 |
| 237:21 | reach | 8:12,13 19:2 23:24 27:14 | redirect |
| ra3005695 | 19:18 | 33:17 34:3,7,17 134:5 | 159:18 |
| 127:5 | reached | 140:25 183:22 | redo |
| ra3008255 | 289:23 | received | 223:21 |
| 249:14 | reaction | 28:11 33:4 90:7 188:16 | refer |
|  | 152:8 | 226:20 229:23 230:6,8 | 35:15 |

[reference - right]
reference 104:21 246:23
referenced 180:14 210:4
referring 46:11,17,20,21 60:3 99:20 104:21
reflect 89:22 215:14
reflecting 265:18
refund 238:5,10,20 239:3
regarding 66:21 226:6
registered 293:7
regular 129:16,16,17 130:16,24 144:12 147:20
regulate 57:5 158:15
regulated 157:15
rejected 266:9
relate 239:8 240:21
related 241:8
relates 238:21
relationship 24:15 47:4,7 60:1,14 137:13 138:1,10 242:10,14 244:3 261:25 279:16
relationships 120:1 244:22
release 123:2
releasing 123:3
relevant 162:25
relied 226:17 227:9
remaining 198:23
remember 11:12 12:1,4 15:23 23:11 26:19 27:12 29:19,22 31:11 31:11 34:2 49:1 50:1,4,13 56:21 59:20 60:6,12 65:17 73:17 75:2 76:16 92:19,22 103:25 109:19 123:23 126:6 132:4 136:20 146:4
remember (cont.)
150:17,18,20 151:12 212:13 214:21 243:16,25 245:5,6 247:20 256:1 261:10 265:11 278:9,10 286:24 287:10
remembering 247:11
renewable 128:21 129:14 130:3
rental 239:19
rep
261:24 262:5,16
repeat
114:16,19
rephrase
76:9 132:6
replace 202:17 207:6
replacing 149:16
reporter
1:25 8:1 9:17,22 67:8 94:25 101:10 114:19 182:3 234:8 258:16 292:4 293:7,7
reporter's 293:1
reporting 42:13
represent 7:9 28:15 134:4 179:21 192:18 197:23 213:11 283:8,12 284:1
representation 192:23 201:16
represented 90:5 95:8 283:3
represents 7:7 193:19
repurchase 238:3
request 134:7 258:2,7 290:19
require 85:17 280:7
required 63:3,6 102:13 178:2 227:8 227:10,15 $231: 5$ 233:9 274:25
requirement
42:13,18
requirements
62:9 63:2 83:20 85:16 120:9 121:17,19,25 122:3,7 122:10
requires 144:10
research 70:25 167:7,9 169:3 184:13 230:10 231:15 239:25
resolve 232:11
respect
34:24 54:13,24 65:4,7
74:11 81:13,23 83:8 183:21
206:24 259:4
respond 258:3,7
responded 260:19
response
3:17 19:25 23:14 26:5
27:15 33:3 217:25 237:25 259:17
responsibility
171:23
responsible 39:16 47:24 48:2 137:3,10 169:7 202:21,24 203:3
responsiveness 31:6 131:3 168:5 169:15 172:13
rest
180:23 261:1
restart 101:8
restroom 263:23
resulting 152:23
retroactive 239:19
return 207:21
revenue 229:22 230:4,8
review 20:15,18 21:17,19,25 22:6 24:23 25:18 29:3 39:23 40:12 42:9 45:7 57:17
186:21 219:4 269:20 270:20
reviewed 20:23 21:2,13 25:11 27:11 32:8 39:22 40:4 50:14 228:21 272:16
reviews
22:17,20,25 30:4 40:6
revisit 23:8 126:24
richard
284:11,12
rick
5:9 127:12
right
6:8 7:11,21 9:11,14 11:16 12:12,24 14:10 15:21 25:9 25:20 28:5,23 30:10 34:22 35:20,22 37:5,15 41:1 43:12,13 48:19 52:11 56:9 58:8 61:13,14,24,25 64:19 68:16 77:14 78:17 85:5 86:5 87:17 88:12,19 90:15 93:6 95:18,20 96:14 97:14 97:16 98:9,15,16 99:13 100:3,4,8,9,10,13,23 101:3 101:11 104:5 105:10 106:2 108:21 111:12,23 112:11 112:15,16 113:4,17,19,20 114:17 115:2,4,18 116:1,3 116:25 117:11,18 118:24 122:19 123:20 124:18 125:10,13 126:7,15,23 127:21,25 129:4 130:8,12 130:15,17,21 131:15 134:22 135:1 136:15,21 139:13,22 140:9,11,16 141:1,6,9,16,19 142:5,13 143:2,19 145:4,12,13,17,19 146:21 151:16 152:2,4,15 153:7 154:24 155:1 158:16 159:6,21 160:4 161:24 162:18 166:6,7,9,10 168:3 170:12 171:10 173:25 175:7,23 177:1,23 178:10 178:24 180:2,5 182:6,7,13 183:25 184:3,16 187:13 188:20 189:13,24 190:21 191:7,8,10,12,13,14 193:4 193:5 194:8,19 195:11,20 195:22 196:23 198:1,5 199:10,12 201:23,25 202:2 202:3,8 203:13,15 204:25 206:16 208:2,4 210:6,11,24 212:18,25 213:14,19,22,23 213:24 214:6, 14 215:3,4,11 215:24 216:10 217:14,23 219:2 $221: 5$ 222:3,5,15,18 222:21,22 223:1,7 224:5,10 224:12,15,22,25 225:16,24 225:25 227:24 228:4,15,17 228:18 229:5,6,19 230:1 232:21 233:20 234:5,11 235:14 237:4,6,15 240:3 241:15 245:22 247:2,19,20 248:11 250:16,17,21

## [right - separate]

| right (cont.) | room | salt (cont.) | scope |
| :---: | :---: | :---: | :---: |
| 251:13 252:1,19 258:11,25 | 7:19 163:9,10,11 | 158:14,21 159:7,8 160:8,9 | 6:21 61:3 |
| 261:19 264:4,11 268:13,14 | rough | 160:9,13,14,16 168:14,15 | screen |
| 269:22 270:14 271:13,25 | 56:7 | 170:8 210:20 293:4 | 98:15 192:19 197:24 |
| 272:5 273:3 274:2,10,21 | roughly | sample | sec |
| 275:7 276:22 277:16 278:8 | 209:23 | 262:20 | 24:7 43:22 |
| 283:12,19 288:18 291:1,7 | rowe | sandy | second |
| rights | 127:13 | 2:13 | 23:8 25:22 30:11 40:24 |
| 36:13 | rower | saw | 67:1 87:14 116:1,25 154:25 |
| ring | 5:9 | 79:5 95:7 99:25 100:24 | 201:9 227:16 250:11 |
| 246:13 | rows | 132:8 146:9 147:7 157:12 | 257:13 258:1 264:12 |
| rip | 212:19 | 163:11,12 166:5 195:3 | 276:20 |
| 201:3 | royal | 198:21 199:19 201:21 | sec's |
| rise | 21:5 | 249:24 254:2,3 256:21 | 43:20 |
| 158:19 | royalties | 258:23 | section |
| risk | 83:15 | saying | 61:4 177:8 178:7 179:5,25 |
| 207:10,21 232:2,7 247:3,4 | royalty | 15:25 32:3 50:15 56:19 | 182:19 183:21 282:15 |
|  | 80:12 | 100:11 120:25 126:2 | sections |
| 20:5 | rpms | 159:23 162:19 170:20 | 177:14,18 |
| rmr | 165:7 | 177:7 195:3 214:6,10,12 | securities |
| 1:25 292:4 293:23 | rubber | 226:5 227:7 233:25 254:8 | 5:2 15:18 42:13 |
| rob | 201 | 271:10 272:19 273:1 275:7 | seeing |
| 135: | rude | says | 69:24 114:7,7 143:20 |
| robert | 73:23 | 41:25 50:9 58:15 59:12 | seen |
| 15:2 | rules | 61:17,25 62:3 177:8 178:25 | 6:24 78:25 173:20 195:6 |
| robotics | 7:22,23 9:12 | 216:15 224:8 247:2 251:5,6 | 223:19,19 244:12 250:6,7 |
| 29:14 | run | 251:10 253:1,5 258:2 | 251:20,21 257:9,10,18 |
| rocket | 34:23 98:19 108:22 114:12 | 259:12 260:5,9,15 264:13 | 258:20 270:7,8,8,9,21 |
| 33:9 34:8 143:6,6,8,11 | 115:13,14 170:6 171:3 | 268:4,8 269:1,1 271:11,19 | segments |
| rocky | 198:15,18 234:25 | 278:14,19 280:3 281:16 | 192:19 |
| 64:10,12 103:17 104:6,19 | running | 282:4,11 289:14 | sell |
| 104:23 105:13,20,24 106:3 | 98:14 99:2 144:9 147:25 | scattered | 85:12,12,14,19,20 127:14 |
| 110:3 112:5 115:25 116:23 | 161:14 | 246:7 | 132:10,14,22 133:16 234:3 |
| 117:7,9,20,22 118:22 119:5 | runs | scenario | 247:23 |
| 120:24 121:19 122:6,8,13 | 53:11 | 143:22,23 | seller |
| 128:14 | s | schedule | 127:16,23 222:23 223:5,6 |
| roger |  | 133:5 134:3 149:3,6 154:20 | 276:21 |
| 1:9 5:19 7:7 244:16 256:14 |  | scheduled | selling |
| 256:16 276:15 277:4 |  | 133:10 | 57:4 86:1 139:4,8 231:3,16 |
| 280:13 281:6,14,24 282:7 | 229:24 280:12 | scheduler | 246:14 247:15,18,21 |
| 282:20 284:2 | sales | 132:16 | 248:15 |
| role | $47 \cdot 1157 \cdot 580 \cdot 20,21,23$ | schedulers | sells |
| 53:25 54:12,23 81:12,23 | $\text { 81:2 83:20 84:19,22 } 85:$ | 133:15 | 51:585:22 |
| 83:7 99:15 100:14 110:2 | $139: 8 \text { 229:22 230:4, }$ | scheduling | send |
| 242:5,7 | 231:12 232:22 233:22,25 | 134:1 | 238:23 270:6 280:16 |
| roll | 234:17 235:3 248:4 261:20 | schooling | senile |
| 195:5,6,8 | 261:24 262:5,8,10 276:1 | 62:22 | 15:6 |
| rolled | 279:9 284:23 | science | sense |
| 195 | salesperson |  | 110:22,23 149:16 212:12 |
| 196:7 | 47:6 51:7 260:12 261:14 | sciences | ensitive |
| rolling | salt <br> 1:20 91:21,22 92•8,9,14,17 | scientist | sent |
| 195:24 | $92: 18,1993: 2,10,15,20$ | 34:8 | 238:1,17 239:1,2 251:10 |
| rolls | 94:1 95:5,9,11 142:22 | scientists | 253:16 255:12 288:1 |
| 193:11 196:7 | 148:24 149:24 151:20 | 31:4 32:6 33:9 | separate |
|  | 154:14,18 155:2,3,8 156:1 |  | 80:24 84:3 137:24 190:20 |

## [separated - solid]

| separated | showed (cont.) | sir (cont.) | slow (cont.) |
| :---: | :---: | :---: | :---: |
| 195:4 | 277:23,25 278:1,4,5,16 | 153:15 154:1 155:16 | 257:13,13 258:15 |
| separately | 287:14 | 156:18 157:9 158:16,22 | small |
| 32:23 84:1 | showing | 159:2,18 160:4,16 161:22 | 69:20 100:4 116:13 198:17 |
| serial | 178:17 189:14 216:3 217:6 | 162:15 163:4 165:8 166:24 | sniffles |
| 199:11,15,16,24 200:8,12 | 227:17 228:19 237:16 | 167:16 169:9 170:1,21 | 13:4 |
| 200:21,25 202:4,12,21 | 245:16 263:2 269:18 | 171:14,21,25 172:10,13 | snow |
| 203:4,20 204:1,4,14,25 | sh | 173:18 174:6 175:19 177:1 | 41:17 |
| 205:6 206:2 | 9:1 | 177:6,9 178:13 179:1,21 | snuffer |
| service | shows | 180:22 181:5,10,15 182:18 | 2:11,12 6:17,17 7:8,11 8:18 |
| 226:11,16,19 227:6 268:11 | 96:4 175:11 178:1 | 183:18 184:19 185:3,6,24 | 9:13 12:23 13:2 41:12 |
| 268:15 | shut | 186:20 188:16 195:8,19 | 50:23 73:22 197:10 209:2 |
| set | 102:22 | 196:19 197:23 200:23 | 240:23 241:1,4 242:16 |
| 84:2 87:18 89:23 134:22 | shuts | 202:5,15 204:13 205:3,3,18 | 252:8,12,14 257:22,24 |
| 156:2 293:10 | 102:17 | 206:5,9 209:6,10 211:18,24 | 288:16,18 290:21,23 291:3 |
| shake | sic | 212:4 213:6 216:3,7 217:6 | 291:14 |
| 9:23 | 18:22 67:7 94:22 95:1 | 217:14 223:24 225:11 | snuffling |
| shaped | side | 228:11 230:12 248:13 | 13:4 |
| 190:9 | 88:16 94:9,10 97:6,7 | 254:13 258:5 263:2 264:4 | socoi |
| share | 104:12,16 108:11,13 | 268:25 271:23 272:8,20 | 123:17 |
| 279:19 | 119:24 139:16 143:24 | 273:2,7 274:19 276:11,18 | sodium |
| shareholders | 145:1 158:11 159:10,12 | 282:8,19 287:4 290:3 | 93:8 |
| 36:2 | 160:19 190:6 201:4 208:10 | site | solar |
| shares | 208:14 263:10 | 28:10,13,21 73:5 87:25 | 3:14,20 16:19,22 17:9,15 |
| 210:11 | sideways | 88:12,15 89:5,8,15 91:12 | 20:9 22:23 29:12 53:24 |
| shepard | 246:9 | 92:9 93:15 96:1 97:22 98:3 | 58:18 59:8 72:16,19 73:2 |
| 1:87:7 47:5,8,13,23 49:8 | sign | 98:4,9 99:10 102:3,3 | 101:17 102:18 103:2 105:3 |
| 49:12,20 50:8,9,21 51:18 | 71:19,23 124:3 130:17 | 103:10,11 109:11 110:7,12 | 105:4 122:2 128:18 146:7 |
| 185:21 208:23 209:11,15 | 220:15,15 224:5 290:20,23 | 111:18 114:5,9,24 134:22 | 155:18 160:20 173:22 |
| 210:1 216:25 240:18 | signature | 134:25 135:21 138:20 | 177:22 183:4,22 184:16 |
| 244:14 256:8,17 278:16 | 43:10,11 127:23 129:23 | 139:11 144:25 146:17 | 186:10 216:11 219:15 |
| 279:21 284:2,5,9 | 219:18 220:1,5,7 222:20,21 | 152:14 159:8 160:16 164:3 | 222:18 229:11,17 240:21 |
| shepard's | 225:23 226:2,3 228:11 | 164:5 165:16 168:17 | 242:20 247:14 259:4 |
| 47:17 | 229:7 237:22 276:20 | 169:19 171:2,24 192:14,24 | solco |
| ship | signed | 197:24 199:14 201:16 | 84:4,6,7 86:19 123:17 |
| 162:6 194:20 196:2 | 43:14,17 48:1 127:15 | 203:9,19 208:25 209:12,24 | 124:4,7 125:5,12 126:5 |
| shipment | 131:10,24,25 132:2 223:10 | 210:2,5,9,13 211:6,6,9 | 211:11 |
| 120:7 | 225:3 229:2 262:25 274:6 | 255:7 | solcoi |
| short | signing | situation | 82:11,14,18,21 83:1,4,8,13 |
| 73:13 218:20 238 | 223:2 | 65:24 72:24 138:24 168:3 | 83:23 85:12,25 86:16,23 |
| shorthand | silently | 233:21 234:16 238:16 | 87:2 123:18 124:1 204:12 |
| 293:6,13,17 | 180:23 | 288:21 | 262:14,16 274:20,23 |
| shortly | silly | situation | solcoi's |
| 278:5 | 279:18 | 64:20 | 83:16 |
| shot | simple | six | solco's |
| 192:19 197:24 | 118:15,17 | 31:3 32:6 231:12,17 235:2 | 84:19 |
| shoved | simply | size | sold |
| 289:20 | 8:11 11:3 28 | 83:18 86:9 116:10 161:15 | 86:16,22 87:2 194:15 |
| show | sir | sizes | 206:13 243:3 248:10 |
| 96:3 110:18 146:12 152:25 | 8:7 28:3 30:15 $31: 8$ 32:1 | 86:3,7 165:6 | sole |
| 191:1 197:20 $201: 6$ 223:24 | 61:23 62:8 63:21 78:15 | skip | 56:11 |
| 225:11 226:18 243:9 | 79:8,19 116:17 117:3,16,16 | 61:7 | solicited |
| 249:17 256:8,9,14 257:6 | 118:4,12 119:1 120:14,21 | slightly | 243:24 254:10 |
| 261:5 267:6 271:13 | 122:4,21 123:14 125:22 | 265:6 | solid |
| showed | 132:25 133:11,18 139:9,23 | slow | 17:1,2 |
| 67:20 248:6 256:6 266:16 | 140:21 143:22 146:15,22 | 118:9 175:13 250:10 |  |

## [solstice - structure]

solstice
18:17,19 139:6 259:11
261:16
soluble
147:5
somebody
19:20 32:4,4,5 33:2 41:24
42:1 56:20 188:4 238:15
256:22 259:18 283:6
something's
165:4
son
20:6 40:8,8 289:4,18
sons
38:19
soon
119:16,16 122:23
sorenson
4:16 241:24 243:6
sorry
10:8 18:18 19:15 30:15
32:1 46:15 62:2 63:16 65:5
66:13,15 74:10 76:9 78:17
79:13 86:5 91:3 94:12,20
100:22 103:7,19 107:1
108:1 123:14,14 133:18
137:2 165:22,23 173:10
182:3 201:8,9 202:19 205:5
220:1,3,6 223:22 234:9
247:11 250:23,23,25 265:5
265:15 271:24 276:2
277:24 284:14 285:22
sort
21:20 36:19
sought
60:20
sound
13:17
sounds
77:20 183:14
source
108:11 266:12
south
1:18 2:12 8:10
southwest
97:7
space
121:6,8
speak
9:18 10:10 21:4 40:14
165:24
speaking 153:23
special 147:2

```
specialist
    33:8,14,18,23 34:4,14,19
specialists
    33:7
specific
    51:10 205:7 236:19
specifically
    50:6 51:2,14
specifications
    106:20
specs
    148:11
speculation
    209:3,5 241:5
speed
        144:16 161:15
spell
```

        18:20 94:20 273:8,17
    spelled
52:14 228:23 273:9
spelling
95:2 272:19 273:10
spend
19:22 50:19 183:17 231:18
spending
185:12
spent
207:3,3
split
37:12,13,19
spoke
210:24
spoken
117:6
sporadic
68:25
square
148:3 158:4 190:23 193:10
193:17 196:8
squares
196:1
stacey
41:19
stack
147:8
stacks
193:1,3
stage
156:23
stairs
289:18
stamp
88:22 89:12,19 90:1,17
91:5 95:21 96:12 97:18
98:1 99:6,7 101:5 102:7

| stand | stay |
| :---: | :---: |
| 199:9 | 51:12 |
| standing | steam |
| 74:16,19 | 142:18 143:8 |
| standpoint | steel |
| 187:25 269:16 | 147:23,23 148:5,12 |
| stanford | step |
| 22:15,16 23:9,10,22,25 | 96:4,5,13 98:19 100:19,20 |
| 24:6 | 117:9,21 143:18 |
| starlight | steps |
| 36:23 37:16,22 38:5,10,13 | 100:16,17 118:2 119:4 |
| 39:1 40:21 44:13 | stick |
| start | 200:6 201:3,5 |
| 10:11,13 16:4 76:20 111:4 | sticker |
| 123:5 136:18 180:3 181:7 | 175:22 |
| 192:15,15 199:16,22 203:3 | stickers |
| 203:23 211:24 230:17,21 | 201:5 |
| 242:25 247:18 268:7 | stipulations |
| started | 8:2 |
| 136:21 154:8 155:14 159:6 | stock |
| 181:5,8,11 183:4 197:17 | 35:14,16 36:2,10 37:2,7 |
| 247:15 253:21 254:6,7,9 | 70:4 231:22,23 |
| 280:1 289:19 290:8,9 | stop |
| starting | 23:7 25:9,22 30:10 63:16 |
| 6:10 88:22 | 86:5 114:14 116:17 120:18 |
| starts | 121:5,15 124:18,23 125:1 |
| 61:13 180:25 226:5 264:11 | 130:10 132:18 139:19 |
| state | 144:20,21,23 147:16 |
| 2:12 8:7,14 17:1,3 74:16,17 | 153:16,17 155:3 158:16,17 |
| 74:21,23 77:19 128:16 | 158:22 161:16,17 162:15 |
| 208:24 209:12 211:1 293:3 | 167:16,18 177:9 180:22 |
| 293:7 | 181:16 183:18 234:18 |
| stated | 235:5,7,17,18 257:4 260:23 |
| 236:16 238:1 240:19 | 260:24 284:23 |
| statement | stopped |
| 45:20 46:10 104:6,18,23 | 88:3 157:24 182:13 235:12 |
| 105:1 200:3 240:24 260:21 | 235:24 237:2,11,11 244:4 |
| 266:14 267:13,17 269:8 | stops |
| statements | 180:25 |
| 208:24 263:20 | storage |
| states | 142:2 163:11 |
| 1:1,4,16 6:9,14 7:16 30:6 | stored |
| 81:4 87:24 120:15 122:12 | 205:20,21 206:3 |
| 128:5,11 129:13,20 133:22 | story |
| 134:9 151:9 174:14 $241: 9$ | 195:20 |
| 269:10 288:4,8 | street |
| stating | 1:18 2:12 |
| 48:18 255:13 259:16 | stretch |
| station | 189:1 |
| 2:6 143:18 | string |
| statistic | 4:15,18,19 5:16 |
| 232:6 | structure |
| statutes | 81:2 83:20,24 84:2 168:10 |
| 241:8,12 256:13 | 168:12 169:20,22 170:13 |
| statutory | 170:15 268:20 |
| 281:18 282:1 |  |

[structures - tell]

| structures | supervision | system (cont.) | task |
| :---: | :---: | :---: | :---: |
| 85:16 88:11 169:25 268:17 | 293:15 | 121:20 122:7 134:25 135:8 | 10:17 |
| studied | supplement | 135:12 139:24 144:6,18 | tate |
| 63:1 | 218:24 | 145:6 149:2 152:3 153:11 | 257:14 |
| stuff | support | 153:12,14 154:4,5,5,6,7,14 | tax |
| 50:20 122:14 139:17 | 185:4 | 154:15 155:17 156:2,14 | 6:13 48:23 226:17,20,22 |
| 171:11 184:23 185:8 188:3 | supports | 159:16 166:1 167:5 186:12 | 227:8,9 233:2 235:12,19,19 |
| 255:21 257:12 279:10,24 | 184:14 | 186:13,14,15,21 187:6 | 235:20,21 236:2,3,7,10 |
| style | suppose | 188:13,17 203:24 233:24 | 237:7 240:11,14,20 242:20 |
| 67:15,23 147:6 | 86:4 | systems | 243:2 247:13,14 248:5,7,14 |
| subject | supposed | 1:7 2:10 5:5 7:9 17:5 18:16 | 248:19 252:4,15,16 253:1,1 |
| 20:15 140:19 | 106:18 | 20:13 35:2,13 46:22 58:18 | 253:3,11,22,22 254:19 |
| submission | supposedly | 67:17 80:11 135:24 138:17 | 259:16,18 265:4 271:21 |
| 33:4 | 31:5 48:23 | 138:23 139:18 156:11 | 272:3 278:21 279:20 280:4 |
| submit | sure | 166:23 169:2 180:17 | 280:4,6,11,11 283:12,14,15 |
| 31:23 32:22 42:20 | 16:15 18:3,23 $21: 23$ 22:18 | 197:18 198:13 225:17 | 283:18,25 284:24 285:3,4 |
| submitted | 27:19,21 30:17,18 33:20 | 226:7,9,16,24 227:6 228:12 | 285:11,12 286:4,12,13,17 |
| 21:1,11,16 22:2,4,14 23:14 | 34:6,10,21 35:24 37:3 | 246:14 272:22 | 286:19,20 287:13 |
| 24:23 25:2,5 26:5,8,14 27:1 | 39:12 45:23,25 52:10 55:14 | t | taxation |
| 27:9,23 28:7,24,25 29:2,7 | 76:4,6 79:5 84:8,10 93:12 | table | 17:19,22 18:6 |
| 43:22,25 71:9,13 264:15 | 94:6,21 97:3 100:22 103:12 | 189:9 211:15 | taxations |
| submitting | 103:21 104:20 105:7 106:2 |  | 18:2 |
| 20:22 | 106:14,17 107:20 109:8 | $\begin{aligned} & \text { gs } \\ & 200 \cdot 19 \end{aligned}$ | taxes |
| subscribed | 119:8,21,25 120:8 122:14 |  | 233:12 |
| 292:13 293:19 | 123:7,12 129:3 133:20 | 16:7 17:23 67:2 73:8 | taylor |
| subsequently | 135:9 136:20,22 137:25 |  | 56:23 58:23 59:1,7 77:1,2 |
| 256:25 | 138:9 139:20 144:12 |  | taylor's |
| substantial | 152:12 185:5,13 187:12 |  | 59:5 |
| 208:16 | 188:8,18 190:24 191:4,6 | 266:24 293:9,13,18 | teasing |
| success | 194:16 199:7 200:2,5 | 266.24 293.9,13,18 | 15:10 189:2 |
| 232:12,13,14 | 208:19 220:23 221:2,23 | 9•10 19:651:1 60:1972.1 | tech |
| successful | 225:6 236:9,12 249:16 | 73:19 75:25 82:11 107:21 | 39:25 |
| 233:1 | 250:4 257:20 282:24 287:2 | $126: 17 \text { 151:12,18 178:19 }$ | technical |
| succinctly | 287:2 288:1,17 | 197:9,10 206:4 209:11,15 | 3:22 61:18 62:4,9,19 |
| 230:22 233:18 | surprise | 218:21 227:16 252:3,20 | 135:11 173:23 264:21 |
| sued | 244:13,15,16 | 278.12279 .24283 .16 | technologies |
| 258:12,22 | sustain | 285:5 288:15 | 30:9 |
| sufficient | 234:25 237:14 | talked | technology |
| 119:9 120:3 | switched | (taled 120:20 125:23 151:7,13 | 3:19 16:19,22 17:1,3,16 |
| sufficiently | 155:2 | 151:20,20,22,24,24 174:9 | 20:9 21:25 22:21 23:20 |
| 118: | sworn |  | 24:23 25:3,5,11,19 26:8 |
| suite | 6:5 292:13 293:11 |  | 27:8,15,22 28:2,7 29:1,2,8 |
| 1:19 | symbol |  | 30:1,5 31:2,23 32:8,23 40:1 |
| sulfate | 35:14,16 | taking $10.12,1348.2159 .22$ | 40:17,20,21 67:4 68:20 |
| 17:6,8 | sync |  | 69:1,5,9,15,21,24 80:10,10 |
| sulfuric | 144:12, | 104:18 105:1 107:23 108:4 | 82:9 135:18 167:7 186:10 |
| 152:7,9,9 | syncing | $\begin{aligned} & 104: 18 \text { 105:1 107:23 108:4 } \\ & \text { 108:5 159:20 160:2,2,4,7 } \end{aligned}$ | 208:24 209:12,15 210:12 |
| summary | 144:10 | 160:22,23 166:4 171:9 | 211:2 218:1 240:8,17 |
| 61:2 185:2 | syncs | 188:21 190:4,24 240:7,10 | tell |
| summer | 144:9 | 250:4 252:8 253:7 265:2 | 19:24 45:10 50:11,17,2 |
| 284:20 | synthetic | $278: 12$ | 82:4 90:12 110:11 117:25 |
| sun | 162:1 |  | 144:5 149:22 151:12 |
| 141:19 | system | tank | 157:10 162:25 165:23 |
| sunlight | 19:11,23 54:17 67:20 83:24 |  | 180:24 195:21 197:5 |
| 140:7,16,25 | 84:16 91:10 95:7,9 96:5 |  | 200:11,12 220:19 230:2 |
|  | 107:2,3,11,11 109:2 121:11 |  | 234:2 255:8 256:11 280:18 |

[tell - tired]

| tell (cont.) | text | think (cont.) | three (cont.) |
| :---: | :---: | :---: | :---: |
| 282:11,23 284:3,6,23 | 190:2,2 217:1 244:14,17 | 45:5 49:5,10 50:11,16 | 198:22 212:19 213:1,20 |
| 286:10,22 293:11 | thank | 51:10 52:24 53:10 56:23 | 231:12,17,20 235:2 |
| telling | 10:15 11:19 12:11 73:14 | 0:1 64:10,12 65:17,20 | threw |
| 51:18 146:16,22 223:15 | 102:4 134:15 159:4 165:8 | 68:9,11 70:7,8,11 71:4,13 | 288:10 |
| 253:8 | 197:2 215:24 218:3,13 | 71:16 72:1 74:17 75:2,5 | thrown |
| tells | 266:19 291:5 | 76:2,13,25 77:1 79:17 | 163:18 |
| 19:20 50:21 168:2 205:13 | thank | 82:16 85:18 93:8,9,12,23 | ticker |
| 206:2 | 159:5 272 | 94:11,16,21,22,23 99:23 | 36:2 |
| temperature | theirs | 102:21 103:17,25 104:15 | ckets |
| 68:5 91:20 92:5,6,18 93:10 | 181:22,25 182:1,1,2,9,9,10 | 105:22 118:25 124:10 | 290:14 |
| 93:16,20,22 94:1,4 151:21 | 182:10,10,11,11,12 | 128:16,17,19,20,21,22 | e |
| 151:22 153:6,9,17 157:21 | theory | 129:9,19 130:4 132:10 | 261:2 |
| 158:14,15,19 161:13,15,24 | 143:15 | 135:24 136:3,6,7,8,11,21 | tied |
| 178:17 | therm | 136:25 137:14,21 138:1,6 | 289:6 |
| temperatures | 58:19 | 138:10 147:8 148:6 153:22 | time |
| 94:8 | thermody | 154:2 155:4 163:24 173:20 | 8:1 12:5 15:24 17:11,11 |
| ten | 33:23 34:4 | 174:3,5,7,24 176:6,15,21 | 18:2 19:23 24:1 25:13 26:7 |
| 146:18 163:23,23,24 164:1 | thermodynamics | 181:2,12,22 182:22 184:2 | 27:13 28:6,24 30:4 31:11 |
| 209:17,22 210:9 287:6,7 | 33:9 | 184:17 188:19 197:7,18 | 31:16,17,25 41:23 46:7 |
| tendency | thick | 206:10 212:24 214:6,12 | 49:11 50:19 64:3,10 65:10 |
| 10:9 | 71:1 | 216:25 236:1 239:5 242:4 | 68:20 72:6,12 77:14 79:7 |
| tens | thicknesses | 242:10,13 245:3 246:15 | 88:22 89:12,19 90:1,17 |
| 84:23 | 199:3 | 247:16 253:17 254:17,17 | 91:5 95:21 96:12 97:18 |
| tenure | thin | 255:23 256:21 261:16 | 98:1 99:6,7 101:5 102:7 |
| 17 | 149 | 262:1,15,17,18 263:21 | 103:16 106:1,10 109:6,22 |
| terminated | thing | 266:15,18 267:16 270:12 | 110:5,6,18,20 120:12 |
| 244:4,9,22 | 12:7 59:20 60:11 96:16 | 272:14 277:25 278:1,4,5,13 | 121:13 131:22 132:17 |
| terms | 115:1 119:7 121:9 143:20 | 279:6,7,18,25 280:1 284:15 | 135:25 137:1,15 149:22 |
| 172:7,7 269:17 285:18 | 150:16 153:22 171:24 | 284:18 285:15,25 286:1 | 153:13 155:4,24 170:24 |
| terrible | 185:11 190:25 196:3 | 289:17 291:14 | 176:11 179:9 183:2 185:14 |
| 42:2 223:2 | 214:20 215:9 233:17 | thinking | 188:15 204:16 205:9 |
| test | 235:20 237:25 244:1,5 | 153:20,21 188:4 190:9 | 207:23 210:14 213:15 |
| 105:24 106:4,13 109:21 | 253:20 254:9,17 260:10,14 | 223:14 | 234:8 235:11 237:13 238:6 |
| 140:18 149:17,20 155:6 | 260:16 275:12 287:21 | think's | 238:19,20 239:17 246:13 |
| 164:9,9 165:4 | things | 213:24 | 246:17 247:9,12,22 248:13 |
| tested | 24:10 49:22,24 50:11,25 | third | 250:1,7 255:5 257:9 258:20 |
| 103:12,18 106:22 110:5 | 51:10,12 54:7,15 70:24 | 61:12 179:25 186:16,20 | 259:1 260:5 262:10,21 |
| 148:9,19 149:14 152:15,16 | 110:24 135:17 149:17 | 198:20 | 274:2 275:10 277:13 278:9 |
| 162:13 | 155:6,24 162:14 165:4 | thirds | 279:7,23 289:11 290:17 |
| testified | 168:13 172:20 184:24 | 198:23 | 291:2 293:10 |
| 6:6 72:4 117:19 251:20 | 199:5 201:2 206:23,24 | thought | timeframe |
| 254:13 | 207:9,15 215:17 232:23 | 47:11 220 | 123:1,3,4 136:1 |
| testifying | 241:9 252:23,24 253:7 | 289:14 | timelin |
| 261:18 | 256:12 266:21 280:5,6 | th | 117:22 153:20 |
| testimony | 288 | 247:7 | times |
| 6:23 41:13 120:23 139:9 | think | thousand | 27:23 28:8 31:14 64:25 |
| 170:14 174:20 184:20 | 7:1 11:25 13:10 15:2 16:12 | 147:13 | 65:2 95:14,15,15,17 164:12 |
| 206:6 247:12 258:19 | 16:13,13,16 17:6,7 18:15 | thousands | 164:14,15 187:4 198:22 |
| 273:12 | 18:21,22 19:4,4,5,11 20:16 | 198:16,16 | 207:6 209:14,17,20,22 |
| testing | 21:5 22:18,18,19 23:3,19 | three | 210:5 255:2,4,6 |
| 70:25 105:21 148:20 | 24:2,13 25:7,10,21 28:12 | 14:4 23:3,3 25:14,14 29:10 | timestamp |
| 149:23 150:6,8,12 152:18 | 29:6 30:17 31:3 33:6,12 | 29:18 52:14,14 75:2 96:5 | 111:13 112:2 134:20 140:2 |
| 154:21 155:24 198:24 | 34:10 36:20,20,21 37:18,24 | 98:21 112:7 124:2,14,21 | 145:10 201:11 |
| tests | 38:1,19,21 39:2,11 41:16 | 125:2 133:2 143:25 144:1 | tired |
| 150:3 152:20,24 | 44:8,8,9,11,13,23,24 45:3,3 | 181:22 182:20,22 196:11 | 188:22 |

[today - understands]

| today | track (cont.) | triangle | ty |
| :---: | :---: | :---: | :---: |
| 6:18,22 7:6 9:6 10:17 12:12 | 175:24 187:13 202:19 | 190:14,15 191:3,7 192:5 | 150:13,22 |
| 12:17,23 13:12,21 35:21 | 203:25 206:8 | 193:23,25,25 | typewriting |
| 86:15 174:9 188:21 218:25 | tracked | triangles | 293:14 |
| 258:21 261:1,18 265:9 | 204:12 | 193:7,9 | typical |
| 272:23 | tracking | triangular | 225:8 |
| today's | 179:4 191:5 204:7 205:9 | 190:9 194:21 | typically |
| 7:12 | traditional | tried | 200:8 |
| todd | 67:24,25 111:6 235:8 | 149:12 151:25 154:18,19 | u |
| 15:1 248:14,16 251:4 | traffic | 155:2,12,12 |  |
| 252:22 | 290:14 | tro | u.s. $2: 5$ 5:2 6:13 30:25 32:12,22 |
| told | trailer | 14:8 78:18 | $42: 13$ |
| 115:12 196:9 201:22 211:1 | 146:2,3,5,6 157:8,19 | true |  |
| 233:16 236:21 237:8 | trailers | $22: 1$ 82:5 128:4,7,8,22 | 180:8 |
| 244:11 247:13,24 248:8 | 146:21 157:11 168:17,21 | 192:22 198:2 201:15 |  |
| 252:25 256:23 260:4 | 169:6 | 293:16 | 9:3,21,24,24 16:20 42:25 |
| 265:24 266:1 269:13 275:25 280:3 286:11 | transcribe | trusses | 57:24 62:7 79:11 80:22 |
| 275:25 280:3 | 101:12 293:14 | trust | 96:22 101:1,3 108:24 |
| 2:16 |  |  | 112:20 128:12 137:5,7 |
|  |  |  | 60:12 163:15 168:18 |
|  |  |  | 1:24 200:22 201:18 |
| tool | transfer |  | 210:7,18 212:6,22 213:5 |
| 279:9 | 68:2,4,7,15 93:15,19,25 | 10:24 11:20 12:4 51:9 | 17:10,17,19 219:16,24 |
| top | 94:18 95:4 141:18,21 142:5 | 148:13 154:11 155:10 | :5,12 222:10,13,22 |
| 43:10,15 52:11 85:5 113:3 | 142:12,16,25 143:18 | 161:6 | $225: 19,22226: 14228: 13$ |
| 113:16 145:18 202:2 | 25 149:12 150:4 | trying | $\text { 229:9 230:16 } 242: 13$ |
| 212:16 $221: 25$ 222:9,16 | 151:18,25 152:5,13 154:11 | 41:16 117:5 118:10,10,11 | 48:16 259:3 264:7,19 |
| 224:7 225:16 228:3,25 | 155:17 156:6,13 157:2,17 | 132:10,23 153:19,20 154:2 | 272:13 277:23 286:9 |
| 237:23 246:8 249:22 | 157:22,25 159:21 161:1,6 | 157:10 159:1,3 248:2 287:4 |  |
| 263:10 276:16 | 161:10,19 162:12,17 | tube | $\begin{aligned} & \text { ultimately } \\ & 87: 3 \end{aligned}$ |
| topic | tran | 17:1 |  |
| 16:9 269:9 | 36:21,22 38:16 143:7 | turbine | 89:23 |
| total | transfers | 23:4 67:14,16,18,19 72:18 | understand |
| 112:7 160:19 206:16 | 143:1 | 72:23 91:23 96:8 143:3,5 | 7:13 9:20 10:19,22 11:7 |
| 229:22 | tran | 143:10,11,13,16 144:11,17 | 12:10 35:5,22 37:3 39:25 |
| totally | 194:6 | 144:25 145:2,5 148:16 | 55:14 63:6 85:2 88:16 |
| 48:1 121:23 166:3 189:4 | transformer | 156:14 167:13 178:21 | 14.21122 .24130 .23 |
| tours | 96:4,5,14 98:19 100:11,14 | 180:3,11,18 184:25 |  |
| 211:4 | 100:19,25 101:22 104:14 | turbines |  |
| tower | 104:17 115:10,13 116:3,7 | 144:8 163:5,20 | 95:8 200:2 217:11 226:22 |
| 142:4,10 152:17 160:24,24 | 116:11,12,13 | turkey | 36:12 248:3,7 280:6 |
| 200:20 202:7,8,11 203:14 | transformers | 147:3 | 285:10 286:5 287:4 |
| 206:7 | 100:21 | turn | understandable |
| towers | transformer's | 55:10 119:11,12 130:17 | 10:21 |
| 89:7 98:2,9 134:22 135:17 | 100:3 | 143:11 144:1,8,11 165:1,3 |  |
| 135:21 136:1,5,7,13,14,24 | transmission | 211:17 225:1 | $5: 17 \text { 6:19,21 } 12: 1635: 7$ |
| 137:3,9 139:2 140:4 145:11 $146: 23149: 15158: 6$ | 128:20 transporting | turned $107: 3157: 4,13$ | 37:9 38:12 40:16 59:4 63:8 |
| 146:23 149:15 158:6 $160.25168 .9200: 19202.2$ | transporting | 107:3 157:4,13 | 74:24 88:17 118:11 128:14 |
| 160:25 168:9 200:19 202:2 | 194: | turns | 28:23 134:24 139:24 |
| 202:9 203:5,7,9,10 204:8 | travel | 142:18,19 143:3,10 | 56:21 236:6,7,13,23,24 |
| 204:10,18 214:5,7,8 226:25 | 69:17 | twice | 240:17 253:2 255:9 276:15 |
| tracing | traveled | 30:5 | 286:6 |
| 191:8 | 88:6 | type | understands |
| track | treated | 90:6 105:17,18 149:25 | 40:1 277113 |
| 28:18 30:24 31:20 84:11,13 | 142:23 | 155:9 |  |

## [understood - ways]

understood
101:11 215:20 277:11 283:17
unique 146:14
unit 69:12,19 243:4
united 1:1,4,16 6:9,14 7:16 30:6 87:24 122:12 128:5,11 129:13,20 133:22 134:9 151:9 174:14 $241: 9$ 269:10 288:4,8
units 69:20
universities 28:16
university 22:15,16 29:6
unpack 250:11
upper 98:11
upset 244:5,23 284:22
us001654 250:18
us001852 177:23
us001869 178:8 179:3
us1870 180:4
us1887 184:5
usa 292:1
usdoj.gov 2:7,8,8
use 8:16 40:9 67:4 68:2 87:7 93:2 94:15 98:24 100:17,18 100:18,19,20 101:23 117:21 142:22 143:24,25 147:19 148:23 149:1,2,3,7 149:10 152:8 153:9 156:2,8 159:9,14,16 161:20 162:1 162:21,22,24 163:1 167:15 168:1,3 172:6,15 231:13 243:6,8 255:14,22 263:23 275:15,16 279:10

## uses

 224:14
## usually

 50:18 189:8 200:18| utah | view |
| :---: | :---: |
| 1:2,20 $2: 13$ 7:23 8:10,25 | 90:20 98:11 100:6,9 140:13 |
| 9:1 10:1 29:6 64:9,9 69:17 | 141:7 145:9 |
| 72:3,8,25 74:17 75:3,6,17 | violating |
| 75:20 78:3 87:25 106:9 | 172:21 |
| 252:17 291:10 293:3,8 | visible |
| utility | 145:21 |
| 112:4 | visit |
| uv | 28:14 31:1 87:25 102:3 |
| 28:4 | 192:24 197:25 209:18,21 |
| uvu | 210:5 255:6 |
| 28:1 29:5,8,21,23 | visited |
| V | 28:10,12,21 31:19 88:14,15 |
| valley | $\begin{aligned} & \text { 92:9 95:3,10 97:23 99:1 } \\ & 104: 2 \text { 144:24 } \end{aligned}$ |
| 29:6 157:14 | visitors |
| valuation | $210: 8,12$ |
| 232:10 | visits |
| 143:20 207:9,22,23 | 209:24 |
| valued | voice |
| $147: 4 \text { 186:15,25 }$ | 260:20 |
| valves | void |
| valves $92: 2$ | 129:2 |
| variable | voided |
| 86:10 | 120:17 |
| variety | voltage |

want (cont.)
100:17,18,18,19 108:2
110:17 111:3,3,9 114:6
115:1,22 118:14 119:7
125:18 126:2 130:11
146:12 148:23 149:2 153:9 154:1 155:1 159:2,17,17
164:9 165:5 169:17 170:18 173:17 179:17 187:11,12
188:4,25 190:1,5,24 191:4
195:19,20,21 197:5 201:10
206:4 211:22 220:13,24
223:7 230:20,21 231:24 233:13,15 238:14 239:3,13 241:4 242:14 261:2 266:6 266:20,25 269:2,3 275:13 280:17 281:4 282:11 284:3 284:6 286:5

## wanted

38:17 45:20 48:17 69:16
70:18,23 71:2,5 72:8 109:8 109:21 111:8 124:14
148:11,20 154:20 170:24
171:1 183:16 185:11,13
259:11 267:16 277:5,6
wanting 110:17
war
147:12
warehouse
205:17
warmth 168:22
warrantied 202:13
warranty 207:4
wash 170:19
washington 2:6 30:8 31:9
wasting 185:13
water 35:9 91:22 93:21 94:2 142:11,16,19,22,23 143:1,4 144:17 147:5,5,18 149:2,10 151:24 154:14,19 155:2,8 155:10,12,14,16,25 156:3,6 156:12,17 157:2,17,24 158:7,18 162:21 163:18 169:19,23 170:3,6,10,11,16 170:18,24 171:1,5,19 172:24 173:3
ways
129:1 155:5 199:4
[web - yellow]

| w | willing | worried |  |
| :---: | :---: | :---: | :---: |
| 52 | 29:7 253:3 | 238:4,18 | yeah |
| website | wire | worth | 8:23 12:25 14:9,10 19:11 |
| 20:11,12 39:13,17,20 43:20 | 102:16 115:7 | 279:17 | 20:16 26:3,13 27:3,7 29:9 |
| 47:17,22 48:3,15,22 49:9 | wish | write | 33:6,11 35:9 38:1 41:1,3,2 |
| 49:20 51:6,7,19 186:15 | 60:8 218:24 290:16 | 39:21,21 40:2 48:17 51:21 | 61:9,24 68:13 69:25 71:13 |
| 189:22 205:24 206:3 | withdraw | 175:3 176:8 190:2 253:3,10 | 71:17 72:7,21,23 73:21,23 |
| 216:24,24 217:1,20 256:20 | 18:12 19:15 157:23 284:15 | 263:17 273:3 | 86:2 95:14 99:11 107:7 |
| ites | withhold | writes | 122:11,20 127:9 130:1 |
| 49:15 50:9, | 121: | 39:19 55:2 81:16 221 | 133:20,20 137:12 143:23 |
| week | wi | 270:4 | 145:12 148:6,9 156:16,24 |
| 7:25 41: | 6:5,23 8:20 12:25 13:3 | writing | 157:4 158:12 159:9 160:6 |
| weekend | 21:14 41:16,22 50:24 67:9 | 22:5 23:14,21,24 24:5,23 | 63:25 164:1,16 166:13 |
| 165:1,3 | 67:12 90:15 95:1 117:4 | 26:4 27:14,22 28:7 39:23 | , |
| welcome | 168:6 169:16 182:5 189:2,5 | 39:24 55:8 81:20 133:19 | 176:6,6,22 177:19 178:21 |
| 291:10 | 189:8,11 197:12 209:4,8 | 181:21 183:1,23 217:5 | 178:22 179:15 183:15 |
| weld | 240:25 241:7 242:17 249:2 | 246:1 272:23 287:23 | 186:7 187:3 189:23 190:3 |
| 135 | 250:6,13 252:6,11,13,19 | writings | 190:23 192:1 193:22 194:2 |
| went | 255:25 257:23 290:22,25 | 21:2,12 25:11 29:2,8 31:2 | 194.10.15 195.12 196.13 |
| 15:22 31:8,13,15,15 41 | 291:5,8 292:6 293:11,19 | 31:23 32:9,23 181:2 | 196:15 197:22 199:13,21 |
| 66:3 68:21 71:12 109:1 | women | writ | 08:19 209:4 210:7,2 |
| 115:8 131:21,24 147:8 | 14:19 | 20:10,14 21:16 29:24 31:1 | 12:24,25 213:2,17,22 |
| 148:12 154:3,13,14 155:15 | wondering | 47:25 48:8,11,24 51:17 | 14:9,10,24 215:5,23,23 |
| 167:10 178:20,22 199:5 | 282:6 | 65:11 174:10,13,17 177:2 | 16:14,17 217:5 219:5,16 |
| 207:9 214:1,7 242:8 248:10 | vood | 180:7,13,18,19,21 185:4 | 4:16 229:6 235:14,16 |
| 253:6 259:23 260:3 268:16 | 166 | 187:17,22 188:17,19 | $36 \cdot 21241 \cdot 25243 \cdot 14$ |
| 279:25 289:4,12 | word | 207:18 208:18 259:25 | 46:1,3,3,9,12,15,18 247:4 |
| west | 42:19 | 262:18 272:15 274:23,23 | 47:6 248:6,12 249:2,15 |
| 8:10 97:6,10 | wo | 275:2,3 | 52:9,12 253:5 254:6,7 |
| we've | 281:17 | wron | $5: 4$ 258:22,23 261:11,12 |
| 20:18,18 27:24 93:16,21,21 | words | 77:20 165:23 185:17 | $61: 12 \text { 262:1,6,17 263:13 }$ |
| 117:25 125:21 148:9,20 | 9:23 181:18 269:16 287:19 | 229:21 236:11 264:24 | 64:24 266:15 267:4,20 |
| 158:12 159:13 163:6 174:9 | wore | 273:10 287:22 | 269:11 270:3,4,12 272:5,6 |
| 179:15 186:3 187:14 | 188 | wrote | 3:21 274:5,5 275:9,13 |
| 188:20 190:4 198:7,11,20 | work | 25:19 50:7 174:3,5,21,23 | 76:19 279:23 281:22 |
| 198:24,25 235:9 248:8 | 54:4 55:1 61:3 72:13 83:21 | 175:5,25 176:2,3,6,7,10 | 83:10,23 284:3,10,13 |
| 252:9 258:15 265:9 | 102:6 103:13 137:17,18,19 | 177:14,18 179:5 180:1,5 | 87:25 288:23 290:5,21,25 |
| when's | 137:24 139:5,13 165:5 | 182:21,25 205:19 216:18 | year |
| 262:10 | 166:19 167:6,6,13,20 169:1 | 216:20 217:22,23 218:6,7 | 17:13 42:23 75:1 209:15,20 |
| where | 169:3 171:12 180:25 181:8 | 227:2 236:20 253:9 255:23 | 12:10,13 213:13 233:9 |
| 293: | 181:10,15,16 188:6 216:2 | 259:24 263:14 271:10 | 44:20 235:5 286:19,20,25 |
| white | 236:22 | 272:7 274:18 | 7:8,9 |
| 20:18 27:16,18 33:3,5,12 | worked | X | yearly |
| 33:14,17,23 34:1,3,8,18 | 23:1,1 59:21 106:6,19 |  | 42:12 |
| 146:24 147:1 174:8,10,13 | 108:23 207:1 248:3 283:15 | $162: 21,24$ | years |
| 174:17 175:2,2,4 176:4 $185: 21.25186 .8$ | worker | xsun | 13:22 14:9,9,10,17 16:25 |
| 185:21,25 186 wholesale |  | 5:9 18:17 79:9,15,20,22,23 | 29:17,18 48:9 62:25 103:15 |
| wholesale | workers 169.1196 200.14 | 80:3,5,6,8,14,21,24 81:8,11 | 124:2 148:20 161:8 183:3 |
| 61:21 | 169:1 196:24 200:1 | 81:13,16,20 82:8 83:17,22 | 86:18 202:14 210:9 212:4 |
| wife | working | 85:4,7,19,25 86:16,19,22 | 13:10,12 $231: 20$ 284:19 |
| 8:17 44:19 78:15 84:14 | 102:21 105:8 106:9 108:4 | 87:2 126:24 127:13,22,25 | 287:6,7 |
| 242:24 248:17 253:1 | 109:22 111:10 142:10 |  | yelling |
| 254:25 272:20 289:4,6 | 165:5 | 262:5,21 263:11,20 | 289:19 |
| wife's |  |  | yellow |
| 20:3 | 46:15 54:15 106:9 139:24 <br> 158:21 162:9 |  | 175:21 |

[yep - young]

## yep

217:12 250:25
young
189:10

