UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

LIFECORE FITNESS, INC. d/b/a

ASSAULT FITNESS,

Petitioner, Case No. IPR2023-00836

US Patent No. 9,039,580 to Bayerlein etal

vs.

WOODWAY USA, INC.,

Patent Owner.

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

DEPONENT: DR. KIM B. BLAIR, PH.D.

DATE: Monday, April 8, 2024

TIME: 9:11 a.m.

LOCATION: Zoom Video Conference

REPORTER: Shari J. Pavlovich, CSR-5926

Job No.: 29641

Fortz Legal Support
www.FortzLegal.com
844.730.4066



1	UNITED STATES	PATENT AND TRADEMARK OFFICE
2	BEFORE THE PA	TENT TRIAL AND APPEAL BOARD
3		
4	LIFECORE FITNE	SS, INC. d/b/a
5	ASSAULT FITNES	S,
6	Petitioner,	Case No. IPR2023-00836
7		US Patent No. 9,039,580 to Bayerlein etal
8	vs.	
9	WOODWAY USA, I	NC.,
10	Patent Owner.	
11		/
12		
13	DEPONENT:	DR. KIM B. BLAIR, PH.D.
14	DATE:	Monday, April 8, 2024
15	TIME:	9:11 a.m.
16	LOCATION:	Zoom Video Conference
17	REPORTER:	Shari J. Pavlovich, CSR-5926
18	Job No.:	29641
19		
20		
21		
22		
23		
24		
25		

APPEARANCES:  MR. ANDREW B. TURNER  Brooks Kushman P.C.
Brooks Kushman P.C.
Brooks Kushman P.C.
150 West Gerand Street Suite 400M
150 West Second Street, Suite 400N
Royal Oak, MI 48067
248.358.4400
aturner@brookskushman.com
Appearing for Petitioner
MS. KADIE M. JELENCHICK
Foley & Lardner LLP
777 East Wisconsin Avenue
Milwaukee, WI 53202
414.319.7324
kjelenchick@foley.com
Appearing for Patent Owner

1	TABLE OF CONTENTS	
2	WITNESS: DR. KIM B. BLAIR, Ph.D.	PAGE
3		
4	Examination By Mr. Turner	4
5	Examination By Ms. Jelenchick	102
6		
7	EXHIBITS	
8	DEPOSITION EXHIBIT	PAGE MARKED
9	(None offered.)	
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

```
1
          Monday, April 8, 2024
 2
          About 9:11 a.m.
 3
 4
                  DR. KIM B. BLAIR, PH.D.,
          having affirmed or been duly sworn, was
 5
          examined and testified as follows:
 6
 7
                          EXAMINATION
 8
     BY MR. TURNER:
 9
           All right. Good morning, Dr. Blair.
     0
10
     Α
           Good morning.
11
           Do you know why you're here today?
     Q
12
     Α
           I do.
           And why is that?
13
     0
14
           To provide deposition in relation to the expert
     Α
15
           reports I provided.
16
     0
           Okay.
17
           My work.
     Α
18
           All right. And so today we're going to start with
     0
19
           IPR2023-00836, which is an IPR challenging Patent
           Number 9,039,580.
20
21
                      Have you been deposed before?
22
     Α
           Yes.
23
           Approximately how many times?
     Q
24
     Α
           A dozen or so, maybe.
25
           Okay. For -- have you been deposed for IPRs, for
     Q
```

1		an IPR before?
2	A	Yes.
3	Q	Okay. And how did you prepare for your deposition?
4	A	I reviewed the documents that have been provided to
5		me and listed as references in my report. I
6		reviewed my report.
7	Q	Okay. And who did you meet with to prepare for
8		your deposition?
9	A	The attorney representing Woodway, Ms. Jelenchick.
10	Q	Okay. Did you meet with anyone else?
11	A	No.
12	Q	About how much time did you spend preparing for
13		your deposition?
14	A	I don't know. Double digit hours.
15	Q	Okay. Is that for now, this is you're going
16		to be deposed on three IPRs.
17		Is that double digit hours for a total?
18		Or per IPR you spent, double digit hours?
19	A	That would be total.
20	Q	Total, okay. And what documents did you review in
21		preparing for your deposition?
22	A	Those that would be listed in the references
23		considered in the various declarations.
24	Q	Okay. All right. Did you review any documents
25		that are not cited in your declarations?
	1	

-	_			_	
	1 7	<b>TAT</b> ←	t hっt		recall.
	. —	14()1	1 11/41		

- 2 Okay. Now, do you have a book of Exhibits there? 0
- 3 Yes, I do. Α
- 4 Okay. Do you have the Exhibit that's marked 2018 0
- for this IPR, which is IPR2023-00836? 5
- Oh, yes, I do. Sorry. 6 Α
- 7 Okay. All right. And can you -- let's see, can 0
- 8 you turn to the last page of Exhibit 2018?
- 9 Α Okay.
- 10 0 All right. Is that your signature?
- Yes, it is. 11 Α
- 12 All right. And it's dated January 31, 2024? Q
- 13 Α Yes.
- 14 All right. Do you recall how much time you spent Q
- 15 preparing this declaration?
- 16 Not exactly. It's been a few months ago now. Α
- 17 You think more than 20 hours preparing the Q
- 18 declaration?
- 19 Α Yeah, quite likely.
- 20 And who did you work with in preparing your Q
- 21 declaration?
- 22 Ms. Jelenchick. Α
- 23 Anyone else? Q
- 24 Α I'm sure that there were probably some of her
- 25 colleagues involved on some other level. Ι

1 wouldn't recall their names off the top of my head, 2 though. 3 Okay. Did you work with anyone who is not in --Q 4 part of the Foley law firm? 5 No. Α Okay. And who drafted your declaration? 6 0 7 MS. JELENCHICK: Objection, form. 8 THE WITNESS: I did. 9 BY MR. TURNER: 10 0 Okay. And what did you rely on in preparing your 11 declaration? 12 Α The references in the "Materials Considered" 13 section. 14 Okay. Anything that's not listed in the "Materials Q 15 Considered" section? 16 Α No. 17 All right. Have you worked with the Foley law firm Q 18 before? 19 Α Yes, I have. 20 Okay. Approximately how many matters? Q 21 Four. Α 22 Okay. Do you remember what matters those were? Q 23 I wouldn't be able to call them out by name. Α of them also have been associated with the LifeCORE 24 25 treadmill subject matter. There was another,

1		hydropacks.
2	Q	Is hydropacks is that the name of a party? Or
3		was that the technology?
4	A	That is the technology. Those are systems that
5		it's a backpack the wearer puts on. You connect a
6		hose from the exhaust of a jet ski to the backpack.
7		And that pressure coming out of the jet
8		ski allows you to basically fly around like a jet
9		pack, while you're connected to the jet ski.
10		Absolutely frightening.
11	Q	Okay. Do you have Exhibit 1001 in your book?
12	A	Yes, I do.
13	Q	What is Exhibit 1001?
14	A	A copy of U.S. Patent '580.
15	Q	Okay. So that's the patent that's being challenged
16		in this IPR; correct?
17	A	That's my understanding, yes.
18	Q	Have you read this Patent?
19	A	Yes, I have.
20	Q	The entire Patent?
21	A	Yes.
22	Q	Approximately how many times have you read the
23		entire Patent?
24	A	Four or five, probably.
25	Q	Do you see the list of inventors on the top left

1 portion of the front page of the Patent? 2 Yes. Α 3 Have you met any of these inventors? Q 4 Α Yes. Which inventors have you met? 5 Q For certain, Doug Bayerlein, Nick Oblamski, I 6 Α 7 visited with at one point to see treadmills and 8 things like that. 9 There were a couple other people in those I can't remember if it was maybe Vance 10 meetings. 11 or Scott. It was quite a while ago. 12 Okay. So you mentioned Doug. Is that Doug Q 13 Bayerlein, first-named inventor? 14 Α Yes. 15 Do you know if Doug has an engineering degree? 0 16 Not off the top of my head. Α 17 You mentioned -- I think you mentioned Nick, Q 18 too; is that correct? 19 Α Yes. Nicholas Oblamski? 20 Q 21 Α Yes. 22 Do you know if Nicholas has an engineering degree? Q 23 I'm pretty sure he does. Α Okay. Do you know of any of these inventors who do 24 0 25 not have an engineering degree?

1 Well, I stated in my report when I was talking Α 2 about level of skill in the art that some of the 3 named inventors did not. 4 I know for a fact that they don't. Ι just wouldn't be able to recall which ones for 5 6 sure. 7 So you don't know which ones do not have an Q Okay. 8 engineering degree? 9 Not without going to LinkedIn or some other Α 10 third resource. I don't know off the top of my 11 head. 12 Okay. Do you have Exhibit 1013 in your binder? Q 13 Α Yes. 14 What is Exhibit 1013? Q 15 It's U.S. Patent 3,637,206. Α

All right. And the -- who's the inventor of this

18 Kenton Chickering. Α

Patent?

- 19 So are you okay if we refer to this reference as Q "the Chickering reference"? 20
- 21 Α Yes.

16

17

0

- 22 Okay. All right. Do you have Exhibit 1011 in your Q
- 23 binder?
- 24 Α Yes.
- All right. And what is Exhibit 1011? 25 Q

11

- 1 U.S. Patent 5,897,461. Α
- 2 All right. And the first-named inventor is 0
- 3 Socwell; is that correct?
- 4 That's his last name. Α Yes.
- 5 His last name. So you're okay if we refer to this Q
- reference as "the Socwell reference" or "the 6
- 7 Socwell Patents"?
- 8 Yes. Α
- 9 Do you have Exhibit 1012 in your binder? Q
- 10 Α Yes.
- 11 What is Exhibit 1012? Q
- 12 U.S. Patent 5,538,489. Α
- 13 All right. And is the first-named inventor, last
- 14 name is Magid or Magid?
- 15 Yes. Α
- 16 Okay. Are you okay if we refer to that as "the 0
- Magid reference"? 17
- 18 Yes. Α
- 19 All right. Do you have Exhibit 1017 in your Q
- binder? 20
- 21 Α Yes.
- What is Exhibit 1017? 22 Q
- 23 It's the sections taken from a reference called Α
- 24 "Mechanisms and Mechanical Devices Sourcebook Third
- Edition." 25

- 1 All right. And is the first-named author or editor Q 2 of that Sclater?
- 3 Yes. Α
- 4 All right. Are you okay if we refer to this as 0 5 "the Sclater reference", or "Sclater book"?
- 6 Α Yes.
- 7 Were you familiar with the Sclater reference before 0 8 this IPR?
- 9 Α No.
- Okay. Do you have Exhibit 2020 in your binder? 10 0
- 11 Α Yes.
- 12 What is Exhibit 2020? Q
- 13 Declaration of Eric A. Weber. Α
- 14 Okay. Can you turn to paragraph 23 of Q
- 15 Exhibit 2020?
- 16 Α Okay.
- 17 Are there any redactions in paragraph 23? Q
- 18 No. Α
- 19 Okay. Are you aware that some of the documents Q
- filed in this IPR were filed under seal, under 20
- 21 protective order?
- 22 I signed a protective order when I became part of Α
- 23 this case. So it indicates to me that potentially
- there were, but I wouldn't know which ones were. 24
- Okay. So you reviewed all of Exhibit 2020; is that 25 Q

1		correct?
2	A	Yes.
3	Q	Okay. Did you review all the Exhibits that are
4		cited in Exhibit 2020?
5	A	I did not. Those were not delivered to me.
6	Q	Okay. So you only reviewed the Exhibits that are
7		cited, if they're also listed in your materials
8		considered in your declaration; is that correct?
9	A	Yes.
10	Q	Okay. All right. So what other documents are
11		included in your binder?
12	A	Well, starting from the front, we already talked
13		about the '580 Patent. We have Exhibit 1002, which
14		is appears to be the file history related to
15		this Patent.
16	Q	Okay.
17	A	Exhibit 1003, Mr. Giachetti's declaration.
18	Q	Okay.
19	A	Exhibit Number 1004, which is Mr. Giachetti's CV or
20		résumé, whatever you want to call it.
21		Exhibit 1007, Product Safety Treadmill
22		Supplier Guide from Australian Competition and
23		Consumer Commission.
24		Exhibit Number 1008, it's a Patent, early
25		Patent number 641424 to Ziebell.
	I	

1 Exhibit Number 1009 is Patent 1,211,765 to Schmidt. 2 3 Exhibit 1010, that's Patent 4 Number 4,614,337 to Schonenberger. Exhibit 1011, we talked about this one 5 already. This is the Socwell reference 6 7 4,897,461[sic]. And number 12 we talked about already, 8 9 that's the Magid Patent. 10 And 13 is the Chickering Patent that we 11 talked about, 1013. 12 1014 is Patent Number 362 -- I'm sorry, 13 let me start over. 3,642,279 to Cutter. 14 Exhibit 1015, it's Patent 6,042,514 to 15 Abelbeck. 16 Number 1016 is specific copies of a 17 subset of pages from the "Power Transmission 18 Handbook". 19 1017, we spoke about. That was Sclater. 20 1018 is Browning Morse, "Mechanical 21 Clutches and Torque Overload Devices". I guess 22 that's actually from the company called Emerson, 23 E-M-E-R-S-O-N. 1019 is ASTM F2115-05. "Standard 24 25 Specification for Motorized Treadmills."

1		Exhibit 1020 is ISO 20957-6, "Stationary
2		Training Equipment". Part 6: Treadmills,
3		additional safety requirements and test methods.
4		1033 is the Claim Construction Order for
5		Woodway V. LifeCORE Fitness.
6		2018 is my declaration in this matter.
7		2019 is my CV.
8		2020 is a declaration of Eric Weber.
9		2021 is "Mechanisms & Mechanical Devices
10		Sourcebook". Again, subsection of a couple pages
11		in that.
12		2022 is the transcript of the declaration
13		of Mr. Giachetti, Dr. Giachetti, in this matter.
14		Wait a minute. Yes, right.
15		2023 is the declaration of Mr. Giachetti
16		for Patent in the matter for Patent
17		Number 10,799,745.
18	Q	Are these his declarations or his deposition
19		transcripts?
20	A	Oh, thank you. Deposition transcript.
21	Q	Okay.
22	A	And then 2024 is, again, the deposition transcript.
23		This is for the related to the deposition for
24		Patent Number 10,561,884.
25		Exhibit 2025 is a claim chart for U.S.

1		Patent Number 9,039,580.
2		Exhibit 2028 is the Woodway, call it
3		instruction manual or information manual, for
4		"Non-Motorized Treadmills User Manual, 02/2018
5		UM-NT-EN-02."
6		And the last one in the book is
7		number 2029, it's a catalog for Stieber Clutch,
8		that's S-T-I-E-B-E-R, from Altra Industrial Motion,
9		"Overrunning Clutches and Backstops."
10	Q	All right. So through the deposition, we'll be
11		referencing some of these different documents, but
12		this is helpful.
13		And all the Exhibits that you just went
14		through in your binder, are these all clean
15		Exhibits? Do you have any markings on them,
16		Post-its or comments?
17	A	No, these are all clean.
18	Q	Okay, thank you. All right. Can you turn back to
19		your declaration, which is Exhibit 2018?
20	A	Yes.
21	Q	Can you turn to page 15?
22	A	Yes.
23	Q	Do you see the footnote 1 on the bottom of the
24		page?
25	A	Yes.

1	Q	What does that refer to?
2	A	It's a reference it's an online reference for
3		the variation of the history of the treadmill.
4	Q	All right. Do you know what it says on this web
5		page?
6	A	I'd have to go back and pull that up. I don't
7		recall. It's been a while since I looked at it.
8		If I recall, there's images and things
9		like that of the first century AD treadmill.
10	Q	Okay. Do you remember the last time that you
11		accessed this link?
12	A	No.
13	Q	Do you think it's been within the last few months?
14	A	Likely.
15	Q	Okay. So you probably reviewed this link before
16		you filed your declaration?
17	A	Well, I'm familiar with this link from other
18		matters related to Woodway.
19	Q	Okay. Do you recall if you accessed it while
20		preparing this declaration?
21	A	I don't recall for sure.
22	Q	Okay. Will you turn to paragraph 40 of your
23		declaration. Can you read paragraph 40 to yourself
24		and let me know when you're done, please?
25	A	(Witness reviewing document.) Okay.

<pre>2     device"? 3     A     It's a you know, in a very generic sense, it's a 4     device that improves safety. 5     Q     What is your understanding of the term "safety 6     device" as used in the Patent '580?</pre>	
device that improves safety.  Q What is your understanding of the term "safety	İ
5 Q What is your understanding of the term "safety	
6 device" as used in the Patent '580?	
7 A It's a device that results in preventing the	
8 running belt from moving in unintended directions.	
9 Q All right. Is it a specific type of device?	
MS. JELENCHICK: Objection, form.	
11 THE WITNESS: The Claims don't require	
it to be a specific device.	
13 BY MR. TURNER:	
Q Can you turn to paragraph 41? Can you read	
paragraph 41 of your declaration to yourself and	
let me know when you're done.	
17 A (Witness reviewing document.) Done.	
18 Q All right. What is your understanding of the terms	
"intended direction" and "unintended direction"?	
20 A Well, that's stated in paragraph 41. The intended	
21 direction means sorry, let me start over.	
"Intended direction means an expected	
23 directional movement of the running	
surface of the treadmill belt.	
"And unintended direction means an	

1		
1		unexpected directional movement of the
2		running surface of the treadmill belt."
3	Q	Do you know if the '580 Patent uses this
4		terminology, "intended direction" and "unintended
5		direction"?
6		MS. JELENCHICK: Objection, form.
7		THE WITNESS: I'd have to go back and
8		review, totally review the Patent to verify
9		whether or not it does.
10	BY MR	. TURNER:
11	Q	Okay. We don't need to do that now.
12		Can you turn to paragraph 45 of your
13		declaration?
14	A	Okay.
15	Q	You include some images of Woodway's curved
16		treadmills there; is that correct?
17	A	Yes.
18	Q	Where are these images from?
19	A	They were provided by Woodway or by more
20		specifically, provided by Foley.
21	Q	Okay. Do you know if these are from one of your
22		Exhibits?
23	A	I wouldn't know specifically.
24	Q	Do you know if these are representative of
25		Woodway's entire CURVE line of treadmills?

1		MS. JELENCHICK: Objection, form.
2		THE WITNESS: No. Because I know
3		there's others, as well, that were mentioned.
4		For example, we already spoke about
5		Mr. Weber's declaration earlier today.
6		I know that there are other forms of
7		curved treadmills mentioned there, other levels,
8		more specifically.
9	BY MR	. TURNER:
10	Q	Can you turn to let's see, paragraph 76 of your
11		declaration?
12	A	Okay.
13	Q	All right. So this is your section under the
14		heading:
15		"Chickering does not disclose a
16		'curved running surface'."
17		Do you see that?
18	A	Yes.
19	Q	Okay. Can you turn to paragraph 90 of your
20		declaration, please?
21	A	Okay.
22	Q	Can you read paragraph 90 to yourself and let me
23		know when you're done?
24	A	(Witness reviewing document.) Okay.
25	Q	All right. And then under paragraph 90 you have

1		two images. What are these two images?
2	A	These are images of two different embodiments from
3		the Chickering reference.
4	Q	Okay. So the image on the left is an annotated
5		version of Figure 2; is that correct?
6	A	Correct.
7	Q	All right. How would you describe the space
8		between the surfaces that you have marked as "first
9		tread surface 16a", and "second tread surface 25a"?
10		MS. JELENCHICK: Objection, form.
11		THE WITNESS: Yeah. Your question's a
12		little unclear. Could you ask it, again?
13	BY MR	. TURNER:
14	Q	How would you describe the space between the
15		surfaces that you have marked as "first tread
16		surface 16a", and the "second tread surface 25a"?
17		MS. JELENCHICK: Same objection.
18		THE WITNESS: I guess I call them a
19		space.
20	BY MR	. TURNER:
21	Q	Would you refer to that space as a gap or a pinch
22		point?
23		MS. JELENCHICK: Objection, form.
24		THE WITNESS: There would definitely
25		have to be a gap between the first tread surface
	1	

1 and the second tread surface. Otherwise, they 2 would connect to each other and cause mechanical 3 interference. 4 If you pushed your fingers into it, it would probably be a pinch point. 5 BY MR. TURNER: 6 7 Is a "pinch point" a term of art in the exercise 0 8 equipment space? 9 I think it's a general term of art in any Α 10 mechanical system space, any mechanical assembly 11 space. 12 Okay. What is your understanding of the term Q 13 "pinch point"? 14 It's a point where something can be pinched if it Α 15 gets in too close. 16 Would a runner using this treadmill want to avoid 0 17 this space? 18 Α Yes. 19 0 And why is that? It's because of the -- well, for a couple reasons. 20 Α 21 But the first reason is just because of the 22 relative angles of the front and rear of the 23 treads, the first tread and second tread. It's an awkward transition, as you're 24 25 running, to go down into a valley like that.

1		Chickering actually suggests that the foot never
2		contacts that space in the middle.
3	Q	When you say "Chickering suggests that the foot
4		never contacts that space", is that the paragraph
5		that you have reproduced in paragraph 88 of your
6		declaration?
7	A	Well, actually, even paragraph 91, right after
8		those two figures:
9		" runner's feet are not intended to
10		contact the area where the downwardly
11		slanting plane of the forward rollers
12		intersects the upwardly slanting plane of
13		the rear rollers."
14	Q	Okay. And that was paragraph 91 of your
15		declaration; is that correct?
16	A	Yes.
17	Q	Okay.
18	A	To your point a moment ago, certainly, I'm
19		referencing in paragraph 91 back to paragraph 88
20		where I have the direct quote from the Chickering
21		Patent in there.
22	Q	All right. So in paragraph 88, your block quote
23		that you have from Chickering, that's with
24		reference to the Figure 1; is that correct?
25	A	Right.

1 Okay. If we turn back to your figures that you Q have included in paragraph 90, figure on the right 2 3 is an annotated version of Figure 3; is that 4 correct? Correct. 5 Α And you have two planes annotated there, plane 6 0 7 slanting upward and a plane slanting downwardly? 8 Correct. Α 9 And your -- okay. Strike that. Q 10 So how would you describe the space 11 between the plane slanting downwardly and the plane 12 slanting upwardly? MS. JELENCHICK: Objection, form. 13 14 THE WITNESS: Well, in this case, there 15 is no space between those two. They intersect at 16 an obtuse angle. 17 I should say meet, not intersect. The 18 two planes meet at an obtuse angle. 19 BY MR. TURNER: 20 Okay. So the planes meet at an obtuse angle. Q 21 would you describe the running belt at that obtuse 22 angle? 23 Well, the running belt would be bending in a very, Α very small curve at that point to follow those 24 25 trajectories, the two planes.

1	Q	Now, would this point or this small curve that you
2		referenced, would that also present a pinch point?
3	A	From a mechanical design point, it could be causing
4		a pinch point in the belt.
5	Q	So how could it create a pinch point at the belt?
6	A	For the belt to be able to follow those two planes
7		as indicated, it's going to have to bend to a very
8		tight to catch the apex of the angle there.
9	Q	So you say "the belt would have to bend to a very
10		tight" in that section. Does the Figure 3 of
11		the Chickering reference, does that illustrate a
12		belt with a tight bend or curve in it?
13		MS. JELENCHICK: Objection, form.
14		THE WITNESS: Well, it would depend on
15		the belt material and how well how resilient
16		the belt material is to bending; or how flexible,
17		I guess, would be the right word.
18	BY MR. TURNER:	
19	Q	Okay. Now, does that small curve in the belt of
20		the Figure 3 embodiment of Chickering, does that
21		present a pinch point that the runner would want to
22		avoid?
23	A	Chickering actually talked that the runner wants to
24		avoid that area.
25	Q	Right. And that was the paragraph we just

1		discussed with respect to your Figure 1 embodiment.
2		Does Chickering say the runner wants to
3		avoid that, with respect to the single belt in
4		Figure 3 embodiment?
5	A	Right.
6	Q	Okay. Where does Chickering explain that?
7	A	I'm sorry, could you repeat that? I think I
8		misunderstood what you asked.
9	Q	Does Chickering describe or disclose that the
10		runner wants to avoid this curved area between the
11		planes of the Figure 3 embodiment?
12		MS. JELENCHICK: Objection, form.
13		THE WITNESS: I don't believe so,
14		specifically. Because the two planar surfaces
15		that the runners are in contact with did not
16		change from Figure 2 to Figure 3.
17	BY MR	. TURNER:
18	Q	But you agree that the space in between the planar
19		surfaces does change between Figure 2 and Figure 3?
20		MS. JELENCHICK: Objection, form.
21		THE WITNESS: Yes. Right at the very
22		bend in the corner there, or where the original
23		space was in Figure 2.
24	BY MR	. TURNER:
25	Q	Okay. Dr. Blair, what is your understanding of the

1 term "running surface"? 2 It's the surface on which the runner's foot would Α 3 contact. Or more specifically, the runner's shoe 4 would contact, if they're in shoes. Now, in the images that you show in Figures 2 and 3 5 Q of Chickering, where are the running surfaces in 6 7 these figures? 8 They would have been described, again, in the Α 9 section I quoted in paragraph 88. So the foot first contacts tread surface 10 11 And paraphrasing here, moves downwardly, near 12 the bottom of the arc -- of the arc of the foot leaves surface 16a, and may be out of contact with 13 14 any surface. 15 Then it moves on to the back part, which 16 would be 16 -- well, the second tread surface. And that's -- second tread surface is 25a in 17 Q 18 your annotated Figure 2? 19 Yes. Or in Figure 3, the plane slanting upward Α would be the second surface. 20 21 All right. Do you consider the -- what you have 0 22 highlighted in red, the plane slanting upward, and 23 the plane slanting downwardly in Figure 3, to be running surfaces? 24 25 MS. JELENCHICK: Objection, form.

1 THE WITNESS: Yes, foot contacts those 2 surfaces. 3 BY MR. TURNER: 4 Do you consider the bottom side of the belt, the opposite side of the belt to be a running surface? 5 MS. JELENCHICK: Objection, form. 6 7 THE WITNESS: Not the bottom side because the runner's not contacting it. 8 BY MR. TURNER: 9 10 0 But once the belt moves so that's on top, then that 11 portion of the running belt would be considered a 12 running surface; is that correct? 13 Α Yes. 14 Do you consider the space, that small curve Okay. Q 15 that's between these planes slanting upward and the 16 planes slanting downwardly, to be a running surface? 17 18 Chickering teaches that the foot does not touch Α 19 that area, so no. Right. But we're talking about the Figure 3 20 Q 21 embodiment. 22 So the Figure 3 embodiment, which is on 23 the right side here, do you consider that space between the planes to be a running surface? 24 25 Because Chickering has already taught that Α No.

1		the the overall geometry of the Chickering
2		device does not change.
3		So therefore, the running surfaces are
4		still going to be the two separate the upwardly
5		slanting in the back, and downwardly slanting in
6		the front. And won't be contacting the middle in
7		between the two.
8	Q	So is it your position that a runner using the
9		treadmill on the right, their foot would never
10		contact that portion of the belt between the
11		planes?
12	A	That's correct. That's not intended to be that
13		way, according to Chickering.
14	Q	Can you turn back to paragraph 76 of your
15		declaration?
16	A	Okay.
17	Q	You have excerpts of Claims 1, 11, and 25
18		reproduced there; correct?
19	A	Correct.
20	Q	Do these Claims require that the running surface
21		it's an intended running surface, so that's where
22		the runner intends to contact?
23		MS. JELENCHICK: Objection, form.
24		THE WITNESS: I guess I don't understand
25		your question.

1 BY MR. TURNER: 2 Do these Claims require an intended running 3 surface? 4 MS. JELENCHICK: Objection, form. THE WITNESS: The word "intended" is not 5 specifically used in the Claim. 6 7 BY MR. TURNER: So if the Chickering reference said, you know, that 8 Q 9 section we had before where -- strike that. 10 If Chickering said that a runner may, on 11 occasion, step in that small curved portion of 12 Figure 3 embodiment between the two planes -- even 13 though he didn't intend to but he just happened to 14 step on that small curve -- would Chickering now 15 meet these Claim limitations? 16 MS. JELENCHICK: Objection, form. THE WITNESS: No. 17 Because it's two 18 planes intersecting at a point. It's not a curved 19 running surface in Chickering. BY MR. TURNER: 20 21 Right. Those are your planes. But the belt that 0 has the small curve between these planes, if the 22 23 runner were to touch -- contact that by accident while running, in Chickering, would that meet these 24 25 Claims?

1 MS. JELENCHICK: Objection, form. 2 THE WITNESS: No. Because once they're 3 running, even if they did have that accidental 4 contact, it's on a flat surface plane, not a curved surface. 5 BY MR. TURNER: 6 7 So it's your position that the runner's foot would 0 8 never contact that curved portion of the running 9 belt that's shown in Figure 3? 10 Α Chickering did note that -- he did give the example 11 of Figure 3. But he also pointed out that his 12 primary embodiment was the one that he spends the most time talking about. 13 14 And in that primary embodiment he spoke 15 to the fact that the runner would not touch the 16 part between the two surfaces. 17 You think a person of ordinary skill in the art Q 18 would ignore Chickering's disclosure that's related 19 to something other than his primary embodiment? 20 MS. JELENCHICK: Objection, form. 21 THE WITNESS: No. BY MR. TURNER: 22 23 Can you turn to paragraph 93 of your declaration? Q 24 Okay. Α 25 All right. Do you see above paragraph 93 with that Q

1		heading, you're analyzing the Claim limitation,
2		"the first and second bearing rails define a curved
3		top profile"?
4	A	Yes.
5	Q	Okay. Can you read paragraph 96 of your
6		declaration to yourself, and let me know when
7		you're done?
8	A	(Witness reviewing document.) Okay.
9	Q	Is it your position that the Claims require the
10		bearing rails to be perfectly straight?
11		MS. JELENCHICK: Objection, form.
12		THE WITNESS: The Claims of the '580
13		require a curved bearing rail.
14	BY MR	. TURNER:
15	Q	Can one or more straight bearing rails provide a
16		curved top profile?
17		MS. JELENCHICK: Objection, form.
18		THE WITNESS: I would guess
19		hypothetically if you made, you know, infinitely
20		small, straight bearing rails, you could end up
21		with a curved profile.
22	BY MR	. TURNER:
23	Q	So hypothetically this infinitely small bearing
24		rails, it's your position that infinitely small
25		bearing rails could provide a curved profile; is

1		that correct?
2		MS. JELENCHICK: Objection, form.
3		THE WITNESS: You asked about a series
4		of straight bearing rails, if I recall.
5		And I said they'd have to be infinitely
6		short to allow it to have a curved running surface.
7		Chickering's bearing rails are straight
8		because Chickering requires a planar surface.
9	BY MR	. TURNER:
10	Q	Okay. Do you recall any of the references that are
11		included in your Exhibit book that include that
12		provide a curved running surface with a plurality
13		of short, straight bearing rails?
14	A	Not as I sit here.
15	Q	What is your understanding of the term
16		"non-planar"?
17	A	The surface is not a plane.
18	Q	So would that include a curved surface?
19	A	Curved, by definition of geometry, is not a plane.
20	Q	All right. What is your understanding of the term
21		"linear"?
22	A	Depends on the context. But linear, usually, most
23		people think of a straight line.
24	Q	Okay. Do you agree that multiple linear portions
25		could provide a profile of a non-planar surface?

1	A	Can you repeat that, please?
2	Q	Do you agree that multiple linear portions could
3		provide a profile of a non-planar surface?
4		MS. JELENCHICK: Objection, form.
5		THE WITNESS: Well, again, this is back
6		to the same discussion we had a few minutes ago.
7		If those linear portions are incredibly
8		short and they all connect together, you could make
9		a connection of linear surfaces that somewhat
10		assume to be the shape of a curve, but it wouldn't
11		be a smooth curve.
12	BY MR	. TURNER:
13	Q	Can you turn to the '580 Patent, which is
14		Exhibit 1001?
15	A	Okay.
16	Q	And can you turn to Figures 7a through 7h?
17	A	Okay.
18	Q	What is shown in these figures?
19	A	So we call them three of the '580 patents. They
20		describe Figure 7a as:
21		"A side schematic view of the profile
22		of the running surface of the manual
23		treadmill according to an exemplary
24		embodiment."
25		And 7b through j, 7b through 7j:

1		"Are sides of schematic views of
2		alternative profiles of the running
3		surfaces of manual treadmills according to
4		alternative exemplary embodiments."
5	Q	All right. Can you turn to column 9, paragraph
6		beginning with line 26, and read that paragraph to
7		yourself and let me know when you're done?
8	A	(Witness reviewing document.) That's the one that
9		starts with "Figures 7b-7h"?
10	Q	Yes.
11	A	Okay.
12	Q	Did you agree that the '580 Patent discloses with
13		reference to these figures, 7a through 7h,
14		non-planar, or curved running surfaces, that are
15		collectively defined by "concave, convex, or
16		linear" portions?
17		MS. JELENCHICK: Objection, form.
18		THE WITNESS: Yeah. Column 9, line 30,
19		starting at 29 states:
20		"Each portion has a particular
21		geometric configuration that is concave,
22		convex, or linear; collectively, the
23		portions define the planar running
24		surface."
25		

1	BY MR	. TURNER:
2	Q	And again, as we discussed before, linear could
3		mean straight; is that correct?
4	A	Yes.
5	Q	And non-planar could mean curved, like a curved
6		running surface; is that correct?
7	A	Well, it's not a plane. It has to be a curve.
8	Q	Okay. Can you turn to column 10, line 17, the
9		paragraph beginning with "According to one
10		exemplary embodiment"?
11	A	Okay.
12	Q	Can you read that paragraph to yourself, and let me
13		know when you're done?
14	A	(Witness reviewing document.) Okay.
15	Q	So do you agree that the '580 Patent discloses
16		that:
17		"A linear portion may replace all or
18		a portion of the curve" of this profile of
19		the treadmill?
20		MS. JELENCHICK: Objection, form.
21		THE WITNESS: Column 10, line 33
22		sorry, starts at 32 says:
23		"According to another exemplary
24		embodiment, a linear portion may replace
25		all or a portion of the curve."
	I	

1	BY MR	. TURNER:
2	Q	And do you see the what does the last sentence
3		of this paragraph say?
4	A	"Alternatively, multiple linear portions may be
5		included in a profile of a non-planar surface."
6	Q	So based on this disclosure in the '580 Patent, is
7		it still your position that Chickering's straight
8		bearing rails cannot provide a curved running
9		surface?
10		MS. JELENCHICK: Objection to form.
11		THE WITNESS: Chickering's bearing rails
12		make a planar running surface.
13	BY MR	. TURNER:
14	Q	But collectively, can they provide a curved running
15		surface?
16	A	Chickering explicitly discloses two planar running
17		surfaces.
18	Q	If we return back to your declaration in
19		paragraph 96
20	A	Okay.
21	Q	you have a colorful figure there. And what is
22		that?
23	A	That is Figure 3 from Chickering.
24	Q	Okay. And are these your annotations in this
25		Figure 3?

1	A	Above the figure here, it says:
2		"Indeed, the straight, non-curved
3		nature of Chickering's support arms can be
4		observed even in the figures provided by
5		Petitioner and Dr. Giachetti."
6	Q	Okay. Sorry, go ahead.
7	A	I was going to say:
8		"The modified version of Figure 3,
9		from the Petition, reproduced below."
10		So this would be this would be from
11		the Petition.
12	Q	Okay. And how is this modified?
13		MS. JELENCHICK: Objection, form.
14		THE WITNESS: The additional colors were
15		added. The lines connecting the rollers appear to
16		be added compared to what's shown in Figure 3 of
17		paragraph 90 of my report, my declaration.
18	BY MR	. TURNER:
19	Q	Do you know what the lines connecting the rollers
20		represent in this annotated version of Figure 3?
21	A	Support arms, according to what's at the start of
22		paragraph 96 in my declaration.
23	Q	Okay. And what are on the opposing ends of the
24		support arms, there are some green circles that are
25		annotated with "Holes".
	I	

1		Do you know what that represents?
2	A	I probably want to go back and confirm from the
3		Petition, itself, to see if those are described.
4	Q	Okay. Do you have a copy of the Petition?
5	A	I expect I do. Don't recall which number it is,
6		though.
7		MS. JELENCHICK: I don't believe the
8		Petition is in the notebook. We can get you a
9		copy. Or you can show him a copy, but it's not in
10		the notebook.
11	BY MR	. TURNER:
12	Q	Let's see. Let me do that. Let me share my screen
13		here.
14		Can you see my screen?
15	A	Yes.
16	Q	All right. So that would you like me to scroll
17		through? Do you recall where it's shown in here?
18	A	Yeah. I don't recall where it is shown in there.
19	Q	All right. Well, I'll scroll and see if we find it
20		here.
21		So I'm on page 30 of the Petition. Does
22		this look like the figure we were just looking at?
23	A	Yes, it does.
24	Q	All right. So would you like me to why don't I
25		start on the rese prior
		start on the page prior.

1		So this is page 29 of the Petition.
2	A	I think you just passed it, maybe.
3	Q	Do you want would you like me to go to the top
4		of this section?
5	A	Well, no, it says something about holes right there
6		where you were on.
7	Q	Okay. Do you want me to enlarge, or can you see
8		this?
9	A	No, I can see it. Thank you. I think you need to
10		go to the next page, please.
11	Q	Okay. So
12	A	Yeah. Up at the top of that page it's talking
13		about:
14		"Adjusting the inclination of the
15		tread surface by moving the pins into the
16		holes."
17	Q	Okay. All right. So by adjusting that, what does
18		this figure what does the "pivotal connections"
19		refer to in the middle of the image?
20	A	That would be the points that are hard connected
21		for the front planar surface and the rear planar
22		surface this plane slanting downwardly and the
23		plane slanting upwardly.
24		So it would be the point around which
25		those two planes rotate, if you move the supports

1 between holes to the front or the rear. 2 0 Okay. 3 Or in the front or the rear. Α So do you agree in this proposed modification, that 4 these support arms would pivot about the pivotal 5 connections; and then the outer ends of these 6 7 support arms that are annotated in blue, would be 8 connected through these holes by pins through these 9 holes? 10 Α Yes. Okay. All right. I'll stop sharing here. We can 11 Q 12 go back to your declaration. So back to this annotated Figure 3, in paragraph 96 of your 13 14 declaration. 15 Would these support arms pivot to allow 16 adjustment of the angle if the inner ends of the 17 support arms contacted each other? 18 If -- not exactly sure what you asked, but let me Α 19 try to answer. 20 If the inner -- if the two support arms 21 were rigidly connected to one another at the 22 intersection point of the two planes, then they 23 would move relative to one another. So if you dropped the front down, the 24 25 back would have to come up. It wouldn't move

1		independently. It would maintain the front and
2		rear planar surfaces would maintain the same obtuse
3		angle would have to maintain the same obtuse
4		angle.
5	Q	Okay. So if you made that connection, would you
6		still have independent angle adjustment of the
7		front portion of the treadmill and the rear portion
8		of the treadmill?
9	A	If they were rigidly connected at that point, you
10		would have two planar surfaces intersecting at that
11		point.
12	Q	All right. So can you scroll down to paragraph 97
13		of your declaration?
14	A	Okay.
15	Q	And do you see your annotated Figure 3?
16	A	Yes.
17	Q	Now, here you're showing that the proposed support
18		arms meet at an angle; is that correct?
19	A	Correct.
20	Q	Now, if these support arms met at an angle, as
21		shown in your annotated Figure 3, would you still
22		be able to provide independent adjustment of the
23		front and rear portions of the treadmill?
24	A	Well, in that image I said the proposed support
25		arms meet at an angle.
	i	

1		I don't say I don't specifically say
2		that they're connected there. It's an illustration
3		of the geometry of the two planar sections.
4	Q	Okay. So if they met but they weren't physically
5		connected, would you still be able to adjust the
6		support arms independently?
7	A	Yes. Because back to Figure 3 in paragraph 96, you
8		have the pivotal connections defined there.
9		So therefore, if you adjusted the end,
10		either end, say, the upwardly slanting end of
11		the sorry.
12		The downward slanting end, you adjusted
13		that one up or down, it would pivot about the
14		pivotal connection in the leftmost red outlined
15		portion there.
16	Q	You think if these support arms contacted each
17		other, you'd still be able to pivot the rest of the
18		support arms?
19	A	Depends exactly what that contact was.
20	Q	Okay. We've been going about an hour and a half.
21		You guys want to take a break?
22		MS. JELENCHICK: Sure.
23		THE WITNESS: Yes, please.
24		(Short recess taken at 10:34 a.m.)
25		
	ı	

1 (Back on the record at 10:47 a.m.) 2 BY MR. TURNER: 3 Welcome back, Dr. Blair. Q 4 Α Thank you. 5 Can you turn to paragraph 101 of your declaration? Q 6 Okay. Α 7 So now we're going to talk about the Socwell 0 8 reference. And do you see here, you're analyzing 9 the limitations of a plurality of bearings? 10 Α Yes. Okay. Can you turn to paragraph 104 of your 11 Q 12 declaration and read that paragraph to yourself, and let us know when you're done? 13 14 (Witness reviewing document.) Okay. Α 15 All right. Now, is it your position that the Q 16 Claims require that the plurality of bearings must be positioned below and have some kind of 17 18 weight-bearing relationship? MS. JELENCHICK: Objection, form. 19 THE WITNESS: It's stated as such in the 20 21 specification. BY MR. TURNER: 22 23 Is it stated in the Claims that you have reproduced Q in paragraph 101 of your declaration? 24 25 Not in that little sub piece of the Claim. Α

1	Q	All right. Why don't we do you have
2		Exhibit 1001 with you, which is the '580 Patent?
3	A	Yes.
4	Q	All right. Can you turn to Claim 1, which would be
5		column 32, starting at lines 47, 48.
6	A	Okay.
7	Q	All right. Now, there's so there's the entire
8		Claim 1. Does Claim 1, anywhere in it, say that
9		the plurality of bearings must all be positioned
10		below and have some kind of weight-bearing
11		relationship with the running belt?
12	A	So the phrase column 32, lines starting at 57:
13		"A running belt supported by the
14		first bearing rail and the second bearing
15		rail and disposed about the front shaft
16		and the rear shaft, wherein the running
17		belt follows a curved running surface."
18		So it states explicitly that the running
19		belt is supported by the first and second bearing
20		rail.
21	Q	Okay. But now, for your analysis here, we're
22		looking at the Claim language, which is plurality
23		of bearings; right?
24		So if you scroll up to above the running
25		belt limitation, we have "a first bearing rail
	I	

1 having a plurality of bearings." 2 Do you see that limitation? So those 3 lines, what is it --4 Α Yes. -- 53 and 54. So the bearing rail limitation is --5 Q does the first bearing rail limitation include any 6 7 limitations regarding positioning? That it must be positioned below the running belt, and that it has 8 9 some type of weight-bearing relationship with the running belt? 10 MS. JELENCHICK: Objection, form. 11 12 THE WITNESS: Not specifically in that line that you mentioned. 13 That is followed below, 14 starting line 57, as I mentioned a moment ago. 15 BY MR. TURNER: 16 All right. Now, does the second bearing rail 0 17 limitation, which starts at line 55, does that 18 limitation, a bearing rail: 19 "Having a plurality of bearings. 20 second bearing rail attached to a right 21 side of the frame." In that limitation, the second bearing 22 23 rail limitation, say anything about its positioning below, and have some kind of weight-bearing 24 relationship with the running belt? 25

1 MS. JELENCHICK: Objection, form. 2 THE WITNESS: No, not specifically in 3 those two lines. But similarly, starting in line 4 57, it mentions a running belt being supported by the first and second bearing. 5 BY MR. TURNER: 6 7 So that limitation there: 0 8 "A running belt supported by the 9 first bearing rail and the second bearing rail and disposed about the front shaft 10 11 and the rear shaft, wherein the running 12 belt follows a curved running surface." 13 That's the limitation we're talking 14 about? 15 Correct. Α 16 All right. Does that section say anything -- does 0 it reference the plurality of bearings? 17 18 The plurality of bearings are referenced in Α No. 19 the two sentences or the two lines previous. 20 Q Are you proposing a construction of the term 21 "bearings" or "plurality of bearings" to require 22 this position in weight-bearing limitation? 23 Α No. Do you know if the District Court construed the 24 0 term "bearings" or "plurality of bearings"? 25

1 Α Referencing the Claim construction order, Exhibit 1033 -- and I looked at this for a little 2 3 bit, so I wanted to make sure. Repeat the question. After all my 4 5 flipping through the pages, I forgot the exact detail. 6 7 Did the District Court construe the term "bearing" Q or "plurality of bearings"? 8 9 Α No. Okay. All right. So if we go back to your 10 Q 11 paragraph 104, if this positioning and 12 weight-bearing relationship is not expressly in the 13 plurality of bearings Claim limitation, and the 14 District Court did not provide a construction, and 15 you're not providing a construction, why would a 16 POSA understand that: "The plurality of bearings must all 17 18 be positioned below and have some kind of 19 weight-bearing relationship with the running belt"? 20 21 MS. JELENCHICK: Objection, form. 22 THE WITNESS: Because of the description 23 of the specification of '580. BY MR. TURNER: 24 And this is the direction that you have reproduced 25 0

1		in paragraph 104?
2	A	Yes.
3	Q	Does this paragraph that you have reproduced in
4		paragraph 140 of your 1004 so this is from '580
5		Patent at column 11, 58 through 60.
6		Does it reference anything in this block
7		quote about the positioning of the bearings being
8		below the running belt?
9	A	It doesn't explicitly say the word "below" but it
10		does say "is supported".
11	Q	So it's your position that the term "support" means
12		this weight-bearing relationship?
13	A	A person of ordinary skill in this context would
14		assume that, yes.
15	Q	Now, did you cite to any other references, any
16		outside of the '580 Patent, for supporting this
17		position?
18		For example, did you cite to a dictionary
19		or a textbook?
20	A	Flipping through this now, no. And if I would
21		have, I would have probably added that to my list
22		of references or list of references, yeah.
23	Q	All right. So your position is based on the
24		description in the '580 Patent, itself:
25		"A POSA" a person of ordinary

1		skill in the art "would understand that
2		the 'plurality of bearings' must be
3		positioned below and have some kind of
4		weight-bearing relationship with the
5		running belt."
6		Is that correct?
7	A	Yes.
8	Q	Now, is the '580 Patent consistent on the usage of
9		the term "bearings"? That a bearing must all be
10		positioned below whatever reference it's providing
11		a bearing for, and have some type of weight-bearing
12		relationship?
13	A	Certainly, in the case of the bearing and the
14		bearing rails.
15	Q	Can you turn to figure 36 of the '580 Patent?
16	A	36, yes.
17	Q	What is shown in figure 36?
18	A	Column 5, line 6:
19		"Figure 36 is perspective view of a
20		one-way bearing for the manual treadmill
21		according to the exemplary embodiment
22		shown in Figure 1."
23	Q	All right. And which element in Figure 36 is the
24		one-way bearing?
25	A	So in Column 27, starting at line 18, talks about

1 the one-way bearing assembly 1300 has a housing 1302, inner ring 1304, cooperates with the shaft 2 3 68, the outer ring 1306, sprags not shown 1304. So it's a combination of 1304 and 1306. 4 So you're saying in this Figure 36 embodiment, the 5 Q inner ring 1304 and outer ring 1306 are bearings; 6 7 is that correct? 8 What I'm saying is, that if those are Α 9 components of the bearings, they're components of 10 the one-way bearing. In the specification, Column 11 27, line 16, says "the one way bearing assembly 12 1300". So various parts of that. All right. Is this one-way bearing disposed -- or 13 0 14 I'm sorry, is this one-way bearing positioned below 15 the running belt? 16 MS. JELENCHICK: Objection, form. It is connected to the 17 THE WITNESS: 18 rear shaft 68. And the rear shaft is below the 19 running belt. BY MR. TURNER: 20 21 Okay. Does the one-way bearing have a 0 22 weight-bearing relationship with the running belt? 23 MS. JELENCHICK: Objection, form. It would be hard to say 24 THE WITNESS: 25 without actually taking some measurements or

1 trying to, you know, really look at maybe an overall structural model of the system. 2 3 Because the rear shaft certainly has a 4 function of carrying some of the weight of the running belt. And if that weight of the running 5 belt is transmitted structurally through that 6 7 bearing, then there would be some weight-bearing capacity of that. 8 9 BY MR. TURNER: Did the one-way bearing assemblies typically 10 0 11 provide a weight-bearing relationship to a shaft 12 that they're mounted about or disposed about? 13 I think that's the term they used here, 14 "disposed about". 15 MS. JELENCHICK: Objection, form. 16 THE WITNESS: It totally depends on how 17 they're built into the overall system. BY MR. TURNER: 18 19 Does the '580 Patent describe the one-way bearing 0 assembly as providing a weight-bearing relationship 20 21 with the running belt? 22 Α No. 23 Can you turn to paragraph 108 of your declaration, Q 24 please? 25 Α Okay.

1	Q	Can you read this paragraph to yourself, and let me
2		know when you're done?
3	A	I'm going to back up and read a couple paragraphs
4		because this one starts by saying:
5		"Notably, the foregoing is true."
6		So I want to get the foregoing parts, as
7		well.
8	Q	That's fine.
9	A	Okay.
10	Q	Now, let's see, the last sentence of paragraph 108
11		where you say:
12		"Despite describing the 'rollers' and
13		'wheels' in significant detail, this
14		system is never described as incorporating
15		'bearings'."
16		Do you see that?
17	A	Yes.
18	Q	So what do you mean by that sentence?
19	A	Well, pretty much explicitly what it says. And in
20		the reference, for example, 22:47 through 23:28,
21		that bearings are not described as being
22		incorporated into the rollers and wheels of these
23		systems.
24	Q	So does the '580 Patent, is it very specific on
25		terminology, and it doesn't mix terminology?

1 So when it's talking about bearings, it's 2 only talking about bearings. And rollers are not 3 bearings? Is that your position? 4 MS. JELENCHICK: Same objection. THE WITNESS: I'd say my position is to 5 one of ordinary skill in the art -- without going 6 7 back through and reading this, again, that it would be clear to one of ordinary skill in the 8 9 art, which -- how the '580 is distinguishing 10 between those terms. 11 BY MR. TURNER: 12 So how is the '580 Patent distinguishing between Q rollers, wheels, and bearings? 13 14 Well, it specifically calls out bearings, for Α 15 example, as part of the bearing rail and describes 16 that structure. 17 So we just talked about the one-way bearing. Q Is 18 that a different bearing that we should -- a POSA 19 would not even look at, would not consider in this 20 analysis? 21 MS. JELENCHICK: Objection, form. THE WITNESS: I didn't understand that 22 23 question. I'm sorry. 24 BY MR. TURNER: 25 All right. So you just -- you mentioned the Q

1 specificity it uses with the bearing as part of the bearing rail. 2 3 So my question was: Is that specificity 4 different than the bearing, as used with reference to the one-way bearing that's illustrated in figure 5 36? 6 7 Well, a person of ordinary skill would understand Α 8 that those are two different bearings or two 9 different types of bearings. So a POSA would have to look into the context, not 10 0 just the word "bearing" to understand its meaning 11 12 in the '580 Patent; is that correct? 13 Α Yes, I would say so. And I mean, the example that 14 you just stated, I mean, they're talking about 15 one-way bearing. They're talking about one-way 16 bearing in the specification. They're not just hanging it out there as bearing alone. 17 18 So if we go back to Claim 1 of the '580 Patent --0 19 so this is Exhibit 1001, column 32. So the limitation we were talking about 20 21 before the bearing rail limitation: 22 "A first bearing rail having a 23 plurality of bearings, the first bearing rail attached to a left side of the 24 25 frame."

1 Correct? 2 Α Yes. 3 So based on those limitations, would that be met by Q 4 a reference that showed a one-way bearing assembly that includes a plurality of bearings and is 5 attached to the left side of the frame? 6 7 MS. JELENCHICK: Objection, form. 8 BY MR. TURNER: 9 Such as that illustrated in Figure 36 of the '580 0 10 Patent? 11 Same objection. MS. JELENCHICK: 12 THE WITNESS: A person of ordinary skill, reading through this, would realize that 13 14 bearings, you know, with the -- considering the 15 entire specification, would realize that the 16 bearings that are mated to the bearing rail described in Claim 1, are different than the 17 18 one-way bearing that's described in later Claims -- actually, later in this Claim. 19 BY MR. TURNER: 20 21 And where is that described in this Claim? 0 22 Well, it's implied in the safety device, the bottom Α 23 of the page. 24 Q Okay. Can you read paragraph 113 of your 25 declaration, and let me know when you're done?

1 (Witness reviewing document.) Okay. Α Is it your position that Socwell's rollers 98 do 2 0 3 not meet the bearing limitations because they're 4 referred to as rollers and not bearings? MS. JELENCHICK: Objection, form. 5 THE WITNESS: As I stated in 113 here, 6 7 paragraph 113 of my declaration: 8 "A person of ordinary skill, 9 therefore, would not understand them to constitute 'bearings' at least because the 10 11 '580 Patent's 'roller and wheel 12 assemblies' and their associated 'rollers' 13 and 'wheels' are consistently described as 14 being structurally and functionally 15 distinct from the plurality of bearings 16 associated with the '580 Patent's bearing rails." 17 18 BY MR. TURNER: 19 0 All right. Can you turn to paragraph 121 of your declaration? 20 21 Α Okay. 22 And you see here, based on the heading, that you're Q 23 analyzing the running belt limitation? "Running belt supported by first bearing rail and 24 Α 25 second bearing rail", yes.

1	Q	Okay. Can you read paragraph 127 of your
2		declaration to yourself, and let me know when
3		you're done?
4	A	(Witness reviewing document.) Okay.
5	Q	So here you're saying that the term "support"
6		indicates "some type of weight-bearing
7		relationship"; is that correct?
8	A	Yes. In the context of the '580.
9	Q	Is that specific language, the "weight-bearing
10		relationship", is that included in the Claim?
11		MS. JELENCHICK: Object to form.
12		THE WITNESS: In Claim 1 of the '580?
13	BY MR	. TURNER:
14	Q	Yes.
15	A	No. That was my answer. Not in Claim 1 of the
16		'580.
17	Q	Is it included in any of the Claims of the '580
18		Patent?
19	A	Not, explicitly, no.
20	Q	Are you proposing a Claim construction for the term
21		"support" bringing this weight-bearing
22		relationship?
23	A	No.
24	Q	Do you know if the District Court construed the
25		term "support"?

- 1 A Reflecting back on me flipping through that
- 2 document a few minutes ago, I don't recall that it
- was there. I can flip, again, to confirm.
- 4 Q Okay.
- 5 A Did not.
- 6 Q And the document you were just referencing, that
- 7 was Exhibit 1033, the District Court's Claim
- 8 | construction order; correct?
- 9 A Yes.
- 10 Q Okay. Can you turn to paragraph 133 of your
- 11 declaration, please?
- 12 A Okay.
- 13 | Q All right. Do you see from the header here, you're
- analyzing the Claim term "disposing a running belt
- on the plurality of bearings" as used in Claim 25?
- 16 A I thought you suggested paragraph 133.
- 17 | Q I'm sorry. 134.
- 18 A Oh, okay. That makes sense, then.
- 19 | Q Okay. All right. Can you turn to paragraph 139,
- 20 please.
- 21 | A Okay.
- 22 | Q All right. Can you read that to yourself, and let
- 23 | me know when you're done?
- 24 | A (Witness reviewing document.) Okay.
- 25 | Q So here is it your position that the term "disposed

1 on" means: "It must be positioned below the 2 3 running belt such that the structure 4 supports and/or bears at least some of the weight of the running belt." 5 Is that correct? 6 7 That's what my declaration says there in Α Yes. 8 paragraph 139. 9 Okay. Is this position language and weight --Q weight support terminology, is that included in the 10 Claim language, itself? 11 12 MS. JELENCHICK: Objection, form. 13 BY MR. TURNER: 14 Again, we're talking about Claim 25. So the full Q 15 Claim is in column 36 of the '580 Patent if you'd 16 like to reference that. 17 Thank you. That Claim says: Α 18 "Disposing a running belt on the 19 plurality of bearings of the first bearing rail and the second bearing rail, such 20 21 that the running belt follows a top curved 22 running surface corresponding to the" --

rails."

23

24

25

sorry, "corresponding to the curved top

profile of the first and second bearing

	1	
1	Q	So is it your position that that Claim limitation
2		requires a specific position of the bearings
3		relative to the belt?
4	A	Well, that Claim says:
5		"Disposing a running belt on the
6		plurality of bearings of the first bearing
7		rail and second bearing rail."
8	Q	So by "disposed on" does that mean on a specific
9		position of the bearing rails or sorry, excuse
10		me of the bearings?
11	A	Well, the follow-on sentence states:
12		"Such that the running belt follows a
13		top curved running surface corresponding
14		to the curved top profile of the first and
15		second bearing rails."
16		So reading all that together, a person of
17		ordinary skill would understand that the running
18		belt is on top of the bearings on the bearing
19		rails.
20	Q	Okay. Now, does that Claim include any type of
21		specific weight-bearing relationship?
22	A	Nothing specific in the wording of the Claim,
23		itself.
24	Q	Okay. Are you proposing a Claim construction for
25		the term "disposing", "disposed on"?

1	A	No.
2	Q	Did the District Court construe the term "disposed"
3		or "disposing" to include a weight-bearing
4		relationship?
5	A	No. From reviewing Exhibit 1033.
6	Q	Okay. Can you turn to paragraph 142 of your
7		declaration? Do you see here that you're analyzing
8		the motivation "to combine Magid with Socwell or
9		Chickering"?
10	A	Yes.
11	Q	All right. Can you read paragraph 143 to yourself,
12		and let me know when you're done?
13	A	(Witness reviewing document.) Okay.
14	Q	What do you mean by the Magid having a
15		"therapeutic" purpose?
16	A	If I look at paragraph 58 of my declaration:
17		"Magid discloses that, unlike the
18		prior art, its design is intended to be
19		used by quote or "used 'by people with
20		uncoordinated feet movements, such as
21		small children, physically handicapped
22		people, and old people'."
23		It also teaches that skipping ahead a
24		bit, same paragraph:
25		"[A]lso teaches that each of its

1 embodiments is to be used either 'in 2 hospitals or retirement homes' or as a 3 'baby stroller' or a 'baby chair'." So you're saying a therapeutic purpose is based on 4 0 who uses the treadmill and where they use the 5 treadmill; is that correct? 6 7 MS. JELENCHICK: Objection, form. 8 THE WITNESS: I'm sorry, can you remind 9 me where I stated -- what stated "therapeutic"? 10 BY MR. TURNER: 11 So we were -- we were -- we started with Q 12 paragraph 143 of your declaration. And then I think you went back to the overview of Magid in 13 14 paragraphs 57, 58 of your declaration. 15 Okay. Yeah, okay. Now that I've got my bearings Α 16 in here again, can you re-ask the question, please? 17 Are you saying that a therapeutic purpose Q 18 for a treadmill is based on who uses the treadmill 19 and where they use the treadmill? 20 Α I think in this paragraph what I did was No. 21 basically summarize in a very short single word, 22 "therapeutic". The longer description that Magid 23 gave in his use cases that I just read back from the earlier section of my report. 24 25 So if the Chickering reference described that its Q

1 treadmill could be used by a child, would it now 2 have a therapeutic purpose? 3 MS. JELENCHICK: Objection, form. 4 THE WITNESS: In the way I've used the 5 word in here to describe the cases that Magid has in there, yes, that would be the case. 6 7 But that's not what Chickering described 8 the use of it for. Chickering described it as an 9 exercise device. 10 BY MR. TURNER: 11 So are you distinguishing between an exercise Q 12 device and a therapy device, as far as treadmills? The disclosures -- the differences and references 13 Α 14 of disclosures by the various patentees here, in 15 particular, Magid, was very focused on the list of 16 the class of applications that I stated earlier in 17 my report. 18 So is it your position that Magid is directed to a 0 19 therapy or therapeutic treadmill; whereas, Chickering and Socwell are directed to exercise 20 21 treadmills? 22 Well, I would say that Magid is directed toward the Α 23 use cases I gave before. And Socwell and Chickering are directed toward exercise, as noted 24 25 in their specification.

1	Q	Would a person of ordinary skill in the art have
2		known that they could use the Chickering treadmill
3		for therapy?
4		MS. JELENCHICK: Object to form.
5		THE WITNESS: I would think a person of
6		ordinary skill would look at Chickering and think
7		that is probably not the best use of that device.
8	BY MR	. TURNER:
9	Q	How would you describe using a treadmill for
10		therapy?
11		MS. JELENCHICK: Form.
12		THE WITNESS: I guess it depends on
13		it depends on what the therapy case is.
14	BY MR	. TURNER:
15	Q	So if I walked on a treadmill, would that be
16		therapeutic?
17	A	I mean, it's certainly better than sitting on the
18		couch, from that aspect and getting exercise.
19	Q	Okay. Can a treadmill be used for both exercise
20		and therapy?
21	A	Yes. If the treadmill is designed as such.
22	Q	So how could the Chickering treadmill be designed
23		for therapy?
24		MS. JELENCHICK: Objection, form, scope.
25		THE WITNESS: I would probably do a
		• •

1 fairly serious redesign of the Chickering and not have the two planar surfaces and take that to a 2 3 single planar surface. You'd want to add safety 4 things. The Magid has some nice applications and 5 clear description of handrails. And even of feet 6 7 in some cases. So it largely depends on what the 8 end use application is. 9 BY MR. TURNER: So are you saying a flat treadmill with handrails 10 0 11 is better suited for therapeutic use, than a curved 12 treadmill without handrails? MS. JELENCHICK: Same objection. 13 14 THE WITNESS: Again, it totally depends 15 on what the therapy actually is that's prescribed 16 in the use case. BY MR. TURNER: 17 18 Can you turn to the Socwell reference? 0 19 Α The Patent? 20 Yes, the Patent. I forget which Exhibit Number Q 21 that is. 22 Α Me, too. 23 I think it's Exhibit 1011. Q Okay. 24 Α 25 Can you look at Figure 1 of Socwell? Q

1	A	Yes.
2	Q	Does Socwell include handrails?
3	A	The figure 1 shows cross bar 130. And it says,
4		"Preferably crossbar" I'm sorry, reading from
5		column 5, line starting roughly 46 of the Socwell
6		Patent. It says that:
7		"The crossbar 130 functionally
8		supports a console substantially above the
9		upper surface of the support frame."
LO		Also says further the:
<b>L1</b>		"Crossbar 130 may comprise a pivotal
<b>L2</b>		engagement 140 which provides a meeting
13		which provides a means for pivotally
<b>L4</b>		engaging one or more handles, 134, 144 in
15		relation to the crossbar 130 at the
L6		opposing sides thereof."
L7	Q	All right. So since Socwell has these handles 134
18		and 144, would a person of ordinary skill in the
<b>L9</b>		art understand that they could use this treadmill
20		for therapy?
21		MS. JELENCHICK: Objection, form.
22		THE WITNESS: If we go to column 12 of
23		Socwell, line 55, it describes how these handles
24		are pivotally connected to the crossbars, so that
25		they would move if you handled them.

1 And that the user would -- I'm on column 2 13, top of column 13, the users grab, holding them 3 while exercising: 4 "And, accordingly, pivot the handles 5 back and forth in correspondence to the user's stride, whereby potentially 6 7 invoking an aerobic workout." 8 BY MR. TURNER: 9 So are you saying because they're pivotal, they 0 10 don't provide support for therapeutic use? Here they're described as being used for exercise. 11 Α 12 So if you consider exercise as a type of 13 therapeutic use, then Socwell is describing them 14 for exercise. 15 I'm sorry, if you consider exercise as a type of Q 16 therapeutic use, Socwell is describing them for exercise? 17 18 Α Yes. 19 Is he describing them for therapy, also? 0 20 He does not use the word "therapy". Α 21 Okay. Can you turn to column one of Socwell, the 0 22 first paragraph under the "Background of the 23 Invention" section. 24 Α Okay. 25 Can you read that paragraph to yourself, please? Q

1	A	(Witness reviewing document.) Okay.
2	Q	So here Socwell's describing walking on the
3		treadmill. Would this walking be a type of
4		therapeutic use?
5	A	Socwell doesn't use the term "therapy",
6		"therapeutic".
7	Q	Okay. So is it your position that if a reference
8		doesn't use the term "therapy" or "therapeutic
9		use", then that treadmill cannot be used for
10		therapeutic use?
11	A	No. I was using as I mentioned earlier, I was
12		using the word "therapeutic" to describe the class
13		of users particularly described by Magid. So the
14		use cases that he described.
15	Q	So if Chickering or sorry, excuse me.
16		So if Socwell described its use as
17		therapeutic, but it didn't expressly say that the
18		treadmill could be used by young children and old
19		people in hospitals and retirement homes, then it
20		would not be therapeutic, as used in Magid? Is
21		that your position?
22	A	My position is that the Magid device, as designed,
23		is designed for a very specific class of users.
24		And Socwell is designed and more focused
25		on an exercise device, without being prescriptive

1		about the types of users.
2	Q	All right. Do you have the Schonenberger
3		reference, which is Exhibit 1010?
4	A	Yes.
5	Q	Exhibit 1010 and this is the Schonenberger
6		Patent that ends in '337.
7		Those are the last three digits of the
8		Patent; is that correct?
9	A	Yes.
10	Q	Okay. Can you turn to column 1, the paragraph
11		starting with line 10, please?
12	A	Yes.
13	Q	Can you read that paragraph to yourself, and let me
14		know when you're done?
15	A	Okay. (Witness reviewing document.) Okay.
16	Q	So Schonenberger here describes that the present
17		invention can be used for "physical exercise" and
18		"walking therapy for handicapped people".
19		Now, does this type of therapy that's
20		described for the Schonenberger Patent, is that the
21		same type of therapy that Magid describes as its
22		therapeutic purpose?
23		MS. JELENCHICK: Objection, form, scope.
24		Mr. Turner, I understand that
25		Schonenberger is a reference used in the other IPR

1 proceedings. If I could just understand, is it 2 your intention to be asking questions about this 3 reference and relevance to those proceedings? Or is this limited to the application of 4 5 this reference, vis-a-vis the '580 Patent? This is one of your MR. TURNER: 6 7 Exhibits in your Exhibit book for this IPR; is 8 that correct? 9 MS. JELENCHICK: Well, it's actually 10 your Exhibit. 11 MR. TURNER: Okay. 12 MS. JELENCHICK: It's Exhibit 1010, 13 which is an Exhibit that, yes, Dr. Blair did 14 consider. 15 I just want to be clear, that if you're 16 going to ask questions about Schonenberger, in view 17 of Counsels' agreement to try and be judicious 18 about the use of Dr. Blair's time, I'd like to make 19 his other declaration available to him that discusses this reference as the bases of 20 21 Petitioner's challenge. 22 MR. TURNER: I'm just trying to 23 understand if there's any other Patent reference 24 that would qualify as a therapeutic use. But we can hold off. Let's hold off on 25

Schonenberger. We'll be back this afternoon to 1 talk about that. We can hold for that. 2 That's 3 fine. 4 MS. JELENCHICK: To be clear, 5 Mr. Turner, you can ask that line of questions. But to the extent that you're going to ask him 6 7 about Schonenberger in combination with any other references, I think, to be equitable here, we 8 9 should make clear and -- that that combination is 10 proffered by Petitioner in a separate proceeding. 11 MR. TURNER: Okay. We can move on. 12 BY MR. TURNER: 13 0 Can you turn to paragraph 159 of your declaration, 14 please. 15 Okay. Α 16 All right. Can you read that paragraph to 0 17 yourself, and let me know when you're done? 18 (Witness reviewing document.) Okay. Α 19 Is it your position that "people with uncoordinated Q feet movements such as small children, physically 20 21 handicapped people, and old people" could not use curved manual treadmills? 22 23 In this paragraph I state, paragraph 159, that: Α "A curved running surface, like that 24 25 in Socwell or multi-planar running surface

1		like that in Chickering would be
2		difficult, if not practically impossible,
3		to adapt for use by 'people with
4		uncoordinated feet movements."
5	Q	And you consider "small children, handicapped
6		people, and old people" to be people with
7		uncoordinated feet movements; is that correct?
8	A	I believe that quote is directly from Magid. He
9		taught that.
10	Q	Okay. Can you turn to paragraph 166 of your
11		declaration, please.
12	A	Okay.
13	Q	Can you read that paragraph, and let me know when
14		you're done?
15	A	(Witness reviewing document.) Okay.
16	Q	Now, your sentence here:
17		"When a user steps onto the rear of
18		the treadmill having a curved running
19		surface, the user's weight may cause the
20		treadmill belt to move in an unintended
21		rotational direction, particularly if the
22		user inadvertently mounts the device from
23		or towards the rear."
24		Do you see that sentence?
25	A	Yes.

1	Q	Are you identifying a problem with the treadmill as
2		described in Socwell?
3	A	No. I'm just noting that the way the Socwell was
4		designed, as I state in the statement the
5		sentence before:
6		"The treadmill belt of Socwell is
7		free to move in both a forward direction
8		and a rearward direction."
9		So I'm just adding to that what that
10		adding to the description how the Socwell treadmill
11		worked.
12	Q	Okay. So are you identifying a potential problem
13		or issue with the Socwell treadmill?
14	A	Socwell has already addressed that issue. He
15		doesn't recognize the problem.
16		He explains that the curved running
17		surface that's "fall off the back" part.
18		But Socwell talks about having adequate
19		friction during rotation, so that doesn't become a
20		problem.
21	Q	Do you think a person of ordinary skill in the art
22		reading Socwell would not see this additional
23		problem like you identified here when a user steps
24		onto the rear of the treadmill?
25	A	Well, as I stated, a person of ordinary skill would

1 not modify Socwell to include unidirectional control because of the teachings of Socwell. 2 3 And then to the later end of that same 4 paragraph on the top of page 91, Socwell discloses the need for "adequate friction during rotation at 5 all". He: 6 "Advocates for sufficient friction in 7 8 any direction of belt motion, not just the 9 unidirectional movement." Not unidirectional movement. 10 11 So is it your position that a person of ordinary Q 12 skill in the art would not identify this problem in Socwell and try to modify Socwell to solve that 13 14 problem? 15 Well, Socwell taught that he already solved that Α 16 problem by the friction. So if a person of ordinary skill in the art thought 17 Q 18 Socwell's solution was insufficient, would they be 19 motivated to further modify Socwell to address the 20 problem that you addressed here about when a user 21 steps onto the treadmill? 22 MS. JELENCHICK: Objection, form. 23 THE WITNESS: I think that's somewhat the root of all invention, right, is someone looks 24 25 at something and says, We can do it better or

1 different. BY MR. TURNER: 2 3 So the reference, itself, doesn't need to identify Q 4 the solution. A person of ordinary skill in the art could review a reference and contemplate 5 additional solutions that are not described in it; 6 7 is that correct? 8 MS. JELENCHICK: Objection, form. 9 THE WITNESS: Can you say that, again, 10 please? BY MR. TURNER: 11 12 So you mentioned the root of all invention. Q "root of all invention", do you mean that a 13 14 inventor would consider or reference and maybe 15 identify additional improvements to the reference? 16 Is that what you consider to be the "root of all invention"? 17 18 Usually an invention is trying to solve a Α particular problem that a inventor identifies. 19 How they identify that problem, there's a number of 20 21 ways to do that. 22 They could just be users struggling to do 23 something. Say, Hey, there's got to be a better way to do this. So let's invent a solution to that 24 25 problem.

1 Q So could a person of ordinary skill in the art have read Socwell and identified a problem that is not 2 3 addressed in Socwell, or not potentially solved, 4 and come up with a new solution, even though Socwell didn't describe the same solution? 5 MS. JELENCHICK: Objection, form. 6 7 THE WITNESS: Can you repeat that? I'm just having trouble following that question there. 8 BY MR. TURNER: 9 10 0 Let me rephrase that. Could a person of ordinary 11 skill in the art have read Socwell and come up with 12 a different solution to the problems identified in Socwell, than Socwell, itself? 13 14 So Socwell, as described in the Socwell Patent Α 15 is -- you know, the Socwell system, he's addressed 16 that problem. So a person of ordinary skill in the art 17 18 wouldn't look to the Socwell invention and say, I 19 need to modify Socwell, because Socwell already has, for his configuration and his design of the 20 21 treadmill. 22 The Socwell, as it's described in the 23 specification, has already addressed the concern. So it's your position that if Socwell provides a 24 Q 25 solution, a person of ordinary skill in the art

1	would not try to provide a different or improved
2	solution; is that correct?
3	MS. JELENCHICK: Objection, form.
4	THE WITNESS: It would depend on what
5	the person of ordinary skills intentions are.
6	MR. TURNER: So it's about noon now. Do
7	you guys want to break for lunch or keep going?
8	MS. JELENCHICK: Break for lunch.
9	MR. TURNER: How long do you want to
10	break?
11	MS. JELENCHICK: Our lunch is here. So
12	however long Dr. Blair would like.
13	THE WITNESS: Half-hour is good.
14	MS. JELENCHICK: 30 minutes.
15	MR. TURNER: So it's 12:09. So we'll
16	target coming back 12:40. Does that sound good?
17	MS. JELENCHICK: Sounds good.
18	(Short recess taken at 12:09 p.m.)
19	(Back on the record at 12:56 p.m.)
20	BY MR. TURNER:
21	Q Welcome back, Dr. Blair.
22	A Thank you.
23	Q So if you recall, before the break we were talking
24	about rationale to combine Magid with Chickering or
25	Socwell.

1		Do you recall that?
2	A	Yes.
3	Q	Okay. And now, can you turn back to your
4		declaration, paragraph 167, please.
5	A	Okay.
6	Q	And can you read 167 to yourself, and let me know
7		when you're done?
8	A	(Witness reviewing document.) Okay.
9	Q	All right. So again, you have a sentence in the
10		middle of this paragraph regarding:
11		"If a user were to mount the device
12		from the rear and step only on the upward
13		angled plane, the user's weight may cause
14		the treadmill belt to move in an
15		unintended rotational direction."
16		Do you see that?
17	A	I do.
18	Q	Now, is that a problem with the Chickering device?
19	A	It is a reality with the Chickering device.
20	Q	Okay. Does Chickering identify this problem or
21		reality?
22	A	I'd have to go back and read the whole
23		specification, which is actually kind of short.
24		But I don't I don't recall that he pointed it
25		out as being a problem.

1	Q	Okay. But as you mentioned it being a reality.
2		So does that mean a person of ordinary
3		skill in the art would have understood this problem
4		when reading Chickering?
5	A	A person would yeah, a person of ordinary skill
6		in the art would recognize that's a possibility for
7		the belt to go the other direction. Or if you
8		stepped on the high end of the belt, it would go
9		downward.
10	Q	Okay. So is it your position that a person of
11		ordinary skill in the art would not have been
12		motivated to combine Chickering with another
13		reference, if Chickering, itself, does not describe
14		a solution to this reality or problem?
15	A	Yeah. The last sentence of paragraph 167 I state:
16		"However, despite teaching a
17		multi-planar running surface, Chickering
18		does not recognize any potentially
19		unwanted characteristics from its
20		multi-planar design."
21	Q	But if a person of ordinary skill in the art does
22		recognize unwanted characteristics, would they be
23		motivated to modify Chickering?
24	A	Somewhat as we talked about before, if a person
25		saw you know, saw a particular need to solve a

1 particular problem, they would -- you know, that's 2 when the process of invention starts coming into 3 place. 4 And whether they would modify Chickering 5 directly or start a whole anew, you know, one doesn't necessarily know. But Chickering doesn't 6 7 teach the need for it. 8 Can you read paragraph 168 of your declaration, and Q 9 let me know when you're done? (Witness reviewing document.) 10 Α Okay. 11 Is it your position that this safety concern of the Q 12 belt moving in an unintended direction -- or I'm This potential safety hazard of the belt 13 14 moving in an unintended direction is not present on 15 a flat treadmill? 16 My position is that -- yeah. It's stated here in Α 168: 17 18 "... such a safety hazard is not 19 present in treadmills having flat or 20 planar running surfaces because mounting 21 the device from or towards the rear is no 22 different from mounting it from any other 23 point." When you say "not different", do you mean because 24 Q the treadmill is flat? So it's not curved? 25

1	A	Correct. Right. Then I was going to state that if
2		the treadmill is curved or has a slope to it, for
3		example in Chickering, where it's not a planar flat
4		surface, then you're going to have the effect of
5		gravity pulling whatever setting whatever's
6		stepping onto the surface in the direction, the
7		gravity would act on that person.
8	Q	So the safety hazard of unintended belt motion is
9		not present on a flat treadmill; correct?
10	A	Correct.
11	Q	Now, what if the flat treadmill is left in an
12		incline or a decline position? Then would there be
13		a potential safety hazard?
14	A	With the treadmill being inclined or declined
15		position, a flat treadmill, just an ordinary
16		user not even talking a person of ordinary skill
17		in the art would expect that there would be a
18		possibility if you step on a treadmill, you know,
19		on the elevated side of it or up higher on it, that
20		there would be a chance it would move in the
21		direction.
22		So it wouldn't necessarily be moving in
23		an unanticipated direction; but it would be moving
24		in a direction you'd expect it to.
25	Q	However, a flat treadmill that's mounted, that's

1		not inclined, that's generally horizontal, would
2		not move in an unintended direction; is that
3		correct?
4	A	If you step squarely down on it, there would be no
5		force to make it move either direction.
6	Q	Can you turn to paragraph 57 of your declaration?
7	A	Okay.
8	Q	You see here you're describing the Magid or Magid
9		reference?
10	A	Yes.
11	Q	Can you turn to paragraph 60 and read paragraph 60,
12		and let me know when you're done?
13	A	(Witness reviewing document.) Okay.
14	Q	Can you see here where you're describing Magid as
15		having "a unidirectional control means", and that
16		they are "a pair of ratchet gears."
17		Do you see that?
18	A	Yes.
19	Q	What is a ratchet gear?
20	A	It's, I think, probably the most common use of a
21		ratchet gear is in a socket wrench where there's a
22		little tooth that connects a particular piece with
23		other matching teeth on it.
24		And if it rolls one direction, it's
25		allowed to the connector tooth is allowed to

1		roll over the little notches on the wheel.
2		And if it goes the other direction, it
3		actually digs in and catches in one of those places
4		and restricts motion to only one direction.
5	Q	Does the ratchet gear disclosed in Magid have these
6		teeth?
7	A	It describes it in my declaration on page 28, it
8		says:
9		"Has a pair of pawls 62 secured to
10		the base and engaging one of the ratchet
11		gears 61 to permit only unidirectional
12		rotation of the front rollers 41."
13	Q	Are these ratchet gears shown in Figures 2 and 5 of
14		Magid, which is under paragraph 62 of your
15		declaration?
16	A	Yes.
17	Q	And which element is the ratchet gear?
18	A	Pull up in particular so make sure I get the
19		numbers aligned as to what Magid's are.
20		So from Column 4, line 58 of the '489
21		Patent. Let's see:
22		"In this embodiment control means 6,
23		6'." Includes a pair of ratchet gears 61
24		and a pair of pawls 62 secured to the
25		base."

1	Q	All right. Are these ratchet gears and pawls
2		illustrated in Figures 2 and 5 of Magid?
3	A	Although he doesn't have them numbered here, they
4		appear to be in Figure 5, pretty clear.
5	Q	Okay.
6	A	I guess he has number 62 labeled on Figure 2.
7	Q	Okay. So in the Figure 5 embodiment this is
8		this it's about the wheel on the left side or
9		the roller on the left side of the treadmill; is
10		that correct?
11	A	Yes.
12	Q	Okay. And so does this ratchet gear have teeth?
13		The ratchet gear that's described in Magid, does it
14		have teeth?
15	A	It certainly does in the illustration.
16	Q	Okay. Does Magid describe any ratchet gears that
17		do not have teeth?
18	A	After scanning the specification again, I don't see
19		that it does.
20	Q	Okay. Can you turn to paragraph 172 of your
21		declaration?
22	A	Okay.
23	Q	Do you see here, this is your analysis of the
24		rationale to replace Magid with the Sclater
25		reference?

1	A	Okay.
2	Q	All right. Now, can you turn to paragraph 173?
3	A	Okay.
4	Q	Do you see the image that's included at the bottom
5		of paragraph 173?
6	A	Yes.
7	Q	What is that image?
8	A	Right above the image it states:
9		"This device is a 'sprag-type clutch'
10		depicted below."
11	Q	Is that an image from the Sclater reference?
12	A	I think this image is actually a replication.
13		Because below the image it says Exhibit 1003 at
14		paragraph 251, with the annotations from
15		Dr. Giachetti's declaration.
16	Q	Okay.
17	A	And then Dr. Giachetti's declaration in
18		paragraph 251, he references the basis of if they
19		are coming from Sclater.
20	Q	Okay. So how does this sprag-type clutch work?
21	A	The reading from Exhibit 1017, this is the Sclater
22		reference, the top of 318 in there. That's just
23		the photocopy page number. That's not the page
24		number of the reference. Says:
25		"Precision sprags act as wedges and

1 are made of hardened alloy steel. In the 2 formsprag clutch, torque is transmitted 3 from one race to another by the wedging 4 action of the sprags between the races in one direction; in the other direction the 5 clutch freewheels." 6 7 So what does this mean by "the wedging action of Q 8 the sprags between the races"? 9 So there are -- sprags are metallic elements that Α 10 are oddly-shaped. In other words, not round and 11 not rectangle. They've got, at least on the image, 12 kind of rounded with the peak on top. What happens is, as the inner and outer 13 14 shell move one direction, the shape of the sprags 15 allow them just to slide between or to rotate so 16 that the two inner and outer rings rotate freely. 17 If you try to rotate it the other 18 direction, then what ends up happening is because 19 of the shape of the sprags, they basically wedge in 20 between the inner and outer ring, and that causes 21 the motion to stop. 22 Okay. And the image, the annotated image from your Q 23 declaration, paragraph 173, it has some elements that are colored in red and identified as "rolling 24 25 elements".

1		Do you see that?
2	A	Yes.
3	Q	Are those rolling elements, bearings?
4	A	The annotations are from Giachetti.
5	Q	Okay.
6	A	So I did not specifically call those out as rolling
7		elements, but he did.
8	Q	Does the Sclater reference, itself, explain what
9		those elements are?
10	A	They're not labeled on the diagram that is in on
11		page 318.
12	Q	Okay. So based on your understanding of these type
13		of clutches, do you understand those to be
14		bearings?
15	A	I mean, just based looking at the way the
16		cross-section is built up, it would appear they're
17		spherical balls in that spot.
18		Well, wait a minute. I can't tell
19		exactly from this image if they're actually an end
20		view of the sprags, or if they're actually end view
21		of the spherical metal piece.
22	Q	Okay. Do you know if such sprag-type one-way
23		bearings were commonly used in exercise equipment
24		at this time? The relevant time being the priority
25		date of the '580 Patent.
	I	

1		MS. JELENCHICK: Form.
2		THE WITNESS: To my knowledge, no. At
3		least I'd never seen any.
4	BY MR	. TURNER:
5	Q	Do you have a copy of Exhibit 1018?
6	A	Yes.
7	Q	What is Exhibit 1018?
8	A	It's a catalog by a company called Emerson
9		Industrial Automation. That includes at least
10		this section of it that's included here, includes
11		mechanical clutches and torque overload devices.
12	Q	All right. So how would a person of ordinary skill
13		in the art use a catalog like this?
14	A	Well, it depends on where they are in their
15		process.
16		Like, for example, on page 8, there's
17		some general description about how these systems
18		work. So they may use it to educate themselves on
19		principles of operations on how they work.
20		If they've identified a particular
21		problem they're trying to solve, they would go into
22		the more detailed sections, like in starting on
23		pages 34 that has the specifications.
24		And use their calculations or their
25		understanding of the problem they're trying to

personal experience?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Α

And use this as a collection tool to go through and pick up potential -- pick out potential products in this catalog that might serve their purpose. Oftentimes, in reality, what they do, they get that far and then they call up the tech support line at the company and have a detailed conversation with somebody on the company side that can really help them dial in their needs. Q Help them pick out the specific clutch or bearing for their application? Α Yes. Do you have experience, in your technical experience, of using catalogs like these to help select components? Α Oh, yes. That's -- so your reference to picking out a Q

You've done that before and called up for more guided selection, I guess, of a component?

Yeah. And candidly, I would think it was much more helpful earlier in my career, when they actually had broader tech support staff online, than they do today, where everybody seems to have minimized that

component, but calling up the line, is that from

support. But in principle, earlier in my career, 1 2 yes, it was useful then. 3 So maybe an AI help desk is not that useful for Q 4 you, or non-human system? That's probably the topic for after hours. 5 Α Yes, yes. All right. 6 0 7 Can you turn to page 48 of the -- of this 8 catalog, please. 9 Α Okay. 10 Q All right. Do you see up on the top left where it 11 describes the industries served? 12 Α Yes. All right. And do you see how it's -- fitness is 13 14 one of the industries served? 15 It says "exercise equipment", yes. Yeah. Α 16 Okay. 0 17 Oh, I see. Α 18 Exercise equipment is one of the field 0 19 applications? 20 Α Yes. 21 So would a person of ordinary skill in the 0 22 art have considered some of these bearings, as 23 described in the catalog, for exercise equipment or fitness -- for the fitness industry? 24 25 MS. JELENCHICK: Form.

1 THE WITNESS: I'm not sure what the 2 question was on that, sorry. 3 BY MR. TURNER: 4 So based on the description on page 48 that this is 0 serving the fitness industry and exercise equipment 5 field applications, would a person of ordinary 6 7 skill in the art have considered these one-way bearings for treadmills? 8 9 If they -- if the person of ordinary skill in the Α art had already identified the need that a one-way 10 11 bearing fulfills, then they would potentially --12 they'd be drawn to -- they would certainly be drawn to this -- or this particular product because it 13 14 calls it out as an application for it. 15 Can you turn to paragraph 183 of your declaration, Q 16 please? 17 Α Okay. 18 Can you read that paragraph, and let me know when 0 19 you're done? (Witness reviewing document.) Okay. 20 Α 21 So if you're discussing the overall cost -- and 0 22 this is with reference to replacing a ratchet 23 clutch with a sprag-type clutch; is that correct? Well, actually, paragraph 183 is general in 24 Α 25 principle to any product or component selection.

1		But yeah, we're focused on that part of it in this
2		section, yes.
3	Q	So in your opinion would the cost of a sprag-type
4		bearing be more or less than the cost of a ratchet
5		type one-way bearing?
6		MS. JELENCHICK: Form.
7		THE WITNESS: I don't have an opinion as
8		to one way or the other because I didn't cost
9		either one out as part of this effort.
10	BY MR. TURNER:	
11	Q	Can you turn to paragraph 185 of your declaration?
12	A	Okay.
13	Q	Now, here do you see you're discussing the
14		"Secondary Considerations"?
15	A	Yes.
16	Q	Okay. And if you can turn to 189 you start
17		discussing the Woodway's product offerings.
18		Do you see that?
19	A	Yes.
20	Q	And you include an image of a treadmill at the
21		bottom of paragraph 190.
22		Do you see that?
23	A	I do.
24	Q	Which treadmill is that?
25	A	Well, since it's referencing Exhibit 2025, which is

	l	
1		the Claim chart, the Claim chart says it's
2		represented a Woodway CURVE Treadmill from 2010.
3	Q	Okay. Now, you list a number of different CURVE
4		treadmills in paragraph 191.
5		Do you see that?
6	A	Yes.
7	Q	Do you know if any of these are the CURVE that's
8		shown in that image, in paragraph 190?
9	A	I'd have to go back and reference where that exact
10		figure came from to know that, exactly which one
11		that is.
12	Q	Okay. Do you know so you list a number of CURVE
13		treadmills here, such as a CURVE XL, CURVE LTG,
14		et cetera.
15		Do you know if Woodway currently sells
16		all these CURVE models?
17	A	Yeah. I'm not that close to the commercial
18		operation to know that right off the top of my
19		head.
20	Q	Okay. Do you have Exhibit 2039 in your book?
21	A	I do not.
22	Q	All right. I'm going to share my screen. So this
23		is an Exhibit I think this is one of the
24		Exhibits that Mr. Blair referenced.
25	A	You mean

1	Q	Sorry, not Mr. Blair. Mr. Weber, sorry.
2		Okay. Do you see my screen?
3	A	I do.
4	Q	All right. So this Exhibit 2039, this was
5		submitted as an excerpt from the Woodway web page.
6		Looks like it's woodway.com/shop.
7		Do you see that?
8	A	I do.
9	Q	Okay. So this is dated January 23, 2024, and it
10		lists a number of different Woodway treadmills.
11		Do you see that?
12	A	Yes.
13	Q	All right. So you in your declaration in
14		paragraph 191, you reference a CURVE XL; is that
15		correct?
16	A	Yes.
17	Q	Is the CURVE XL shown on this Exhibit 2039 that
18		represents their Woodway treadmills on their
19		offered for sale on their web page?
20		MS. JELENCHICK: Objection, form.
21		THE WITNESS: Can you scroll so that I
22		can see the far right side?
23	BY MR	R. TURNER:
24	Q	Sure. Here's the full screen or the full image. I
25		can zoom in. I think it's just one page.

1 Yeah, that's fine. It's just the way -- that's Α 2 perfect. 3 Now, can you ask the question, again? 4 It's just the way the video's laid out on 5 my screen here. Oh, no problem. I can enlarge a little more if 6 Q 7 that helps. 8 I can see it now. Α No. 9 So does this -- you referenced a CURVE XL in Q 10 paragraph 191. Is the CURVE XL shown on this 11 image? 12 No. Α Do you know if Woodway currently is still selling 13 14 the XL? 15 As I noted before, I'm not that close to their Α No. 16 commercial side. So I don't know what's still in 17 market or what's maybe no longer in market. 18 In your declaration you reference a CURVE LTG. 0 Is 19 the CURVE LTG shown on their web page? 20 No. Α 21 You also reference a CURVE 3.0. Is that 0 22 shown on their web page? 23 Α Nope. 24 0 All right. Next up, you have a CURVE Trainer in 25 your declaration. Is a CURVE Trainer shown on

1 their web page? 2 Yeah. Α 3 Okay. Is that the --Q 4 It's the third one from the left. Α 5 Q This one right here, if you can see my cursor moving? 6 7 Yeah. I mean --Α CURVE Trainer? 8 Q 9 Α Yes. Okay. Next in your declaration you reference an 10 Q 11 EcoMill and EcoMill Legacy. Is that shown in this 12 image? 13 I do not see them listed here. Α 14 There's a treadmill here that is called a Q 15 TrueForm Trainer Powered by Woodway. 16 Do you see that? I do. 17 Α 18 What is a TrueForm Trainer Powered by Woodway. 0 you know what that means? 19 20 Α No, I don't. 21 Have you ever heard of a TrueForm Trainer 0 22 treadmill? 23 Α I have. 24 And what is that? 0 25 I don't remember the details of it, but I have Α

1		heard of it before.
2	Q	All right. Is that a Woodway treadmill?
3		MS. JELENCHICK: Objection, form, scope.
4		THE WITNESS: I have no idea what that
5		means by all I know about it is I've heard I
6		know two things.
7		I've heard of TrueForm Trainers before.
8		I've heard the description of TrueForm Trainer
9		Powered by Woodway. I can't make any inferences
10		beyond that.
11	BY MR	. TURNER:
12	Q	In your experience, where have you heard "TrueForm
13		Trainer" before?
14	A	In other discussions around treadmills.
15	Q	Can you be more specific what those discussions
16		were?
17	A	I can't remember off the top of my head.
18	Q	Okay. Do you still have a copy of Mr. Weber's
19		declaration that we talked about before? It was
20		Exhibit 2020.
21	A	Yes.
22	Q	All right. Can you go to well, let's see, can
23		you go to paragraph 23 of Exhibit 2020?
24	A	Okay.
25	Q	All right. So can you read paragraph 23 to

1	yourself?
2	A (Witness reviewing document.)
3	Q So now does this refresh your recollection on what
4	a TrueForm Treadmill is?
5	A Yes, it does.
6	Q What is a TrueForm Treadmill?
7	MS. JELENCHICK: Objection, form.
8	THE WITNESS: Well, just reading from
9	Mr. Weber's declaration here:
10	"In or around 2014, Samsara Fitness
11	introduced the TrueForm Runner at a
12	discounted price, which infringed
13	Woodway's patents directed to curved,
14	manual treadmills, including the '580
15	Patent. I am aware of multiple instances
16	in which Woodway lost sales to Samsara
17	Fitness."
18	BY MR. TURNER:
19	Q You don't need to read any more on the record.
20	So you referenced "Samsara Fitness". So
21	if the TrueForm is a Samsara treadmill, why is it
22	being sold on the Woodway web page?
23	MS. JELENCHICK: Objection, form, scope.
24	THE WITNESS: I would have no idea. I'm
25	not familiar with Woodway's retail operations.

## 1 BY MR. TURNER: 2 But so based on that image we showed before, that 0 3 TrueForm Trainer that's on the web page, is that 4 your understanding that that would be a Samsara treadmill? 5 6 Form, scope. MS. JELENCHICK: 7 THE WITNESS: I have no idea. If I made 8 any kind of connection, just be connecting what we 9 just read in paragraph 23 to the image that's on the page. But I don't know what the official 10 11 relationship there is. 12 BY MR. TURNER: 13 Okay. So that paragraph was referencing litigation 0 14 between Samsara and Woodway; is that correct? 15 Α Yes. 16 So Samsara would be a competitor of Woodway? 0 MS. JELENCHICK: Objection, form, scope. 17 18 THE WITNESS: Yes. It would have been 19 It would have been a different company besides Woodway that had a product that infringed 20 21 Woodway's patents for curved manual treadmills. BY MR. TURNER: 22 23 Can you turn to paragraph 192 of your declaration? Q 24 Α Okay. 25 So here you reference Mr. Weber's declaration. Q Do

1		you see that?
2	A	Yes.
3	Q	Have you met Mr. Weber before?
4	A	As I mentioned earlier today, there are were a
5		few people I met when I visited Woodway a number of
6		years ago. I don't recall exactly who all I met
7		while I was there.
8	Q	Do you know if Mr. Weber is an employee of Woodway?
9	A	According to his declaration, Exhibit 2020, he's a
10		director of sales and marketing for Woodway.
11	Q	Do you know if Mr. Weber has an engineering
12		background?
13	A	I don't recall one way or the other.
14		MR. TURNER: So I have no more questions
15		on this IPR, Kadie. Do you want to separate these
16		or keep rolling into the next one?
17		MS. JELENCHICK: You can keep rolling.
18		MR. TURNER: Okay.
19		MS. JELENCHICK: Dr. Blair, do you want
20		to take a couple-minute break?
21		MR. TURNER: We can take a break. And
22		then Kadie, if you want to stop and do any
23		redirect now, we could.
24		Or we can just wait and do it at the end.
25		I guess it's up to you.
	1	

1 MS. JELENCHICK: Well, I have no 2 redirect on this proceeding. 3 MR. TURNER: Well, then, we'll just take 4 a five-minute break, and we can proceed to the 5 next one. 6 Just keep going. THE WITNESS: 7 MS. JELENCHICK: Okay, good. 8 (Short recess taken at 1:50 p.m.) 9 (Back on the record at 2:02 p.m.) 10 11 **EXAMINATION** 12 BY MS. JELENCHICK: 13 Dr. Blair, you recall Mr. Turner asking you 14 questions about Petitioner's Exhibit 1018; right? 15 Yes. Α 16 Do you have a copy of Exhibit 1018 in front of you? Yeah. 17 Α 18 If you look at the last page of this Exhibit, 0 19 you'll see at the top -- right near the top, it 20 says "standard terms and conditions of sale 21 (August 15, 2001)"? 22 Α Yes. 23 As of August 15, 2001, were you aware of any Q treadmill that utilized any of the bearings that 24 25 were incorporated or discussed in Exhibit 1018?

1	A	No.
2	Q	Specifically, if you look at page 46 of
3		Exhibit 1018, which talks about Morse brand KK
4		clutches.
5		As of August of 2001, were you aware of
6		any prior art that was presented to you in your
7		evaluation of this case, that incorporated the type
8		of clutch depicted in Exhibit 1018?
9	A	No.
10	Q	Mr. Turner directed you to page 48 of Exhibit 1018,
11		which identified that one particular field
12		application for utilization of the Morse KK clutch
13		was within exercise equipment.
14		Do you recall that testimony?
15	A	Yes.
16	Q	How do you know that the reference to exercise
17		equipment is I'll withdraw that.
18		Is there any information within
19		Exhibit 1018 that tells you what constitutes
20		exercise equipment?
21	A	Not on this page.
22	Q	As of August of 2001, were you aware of Morse KK
23		clutches or similar-type clutches utilized in
24		bicycles, for example?
25	A	Yeah. That would be a potential application for

1		those.
2	Q	For a bicycle, a piece of exercise equipment?
3	A	Yes.
4	Q	Do you know where the utilization of Morse KK
5		clutches or comparable clutches utilized in other
6		types of fitness applications as of 2001?
7	A	Not that I'm aware of.
8	Q	Can you describe for me how the Morse KK clutch or
9		a comparable clutch would be utilized in bicycle
10		application?
11	A	It's very similar to an outdoor bike. You only
12		want the power transmission going one way, and you
13		want it to freewheel the other.
14		So as you're pedaling, it actually, the
15		clutch locks so that you're actually transmitting
16		power to wherever it's going to go.
17		And then if you want to coast, it's just
18		a lot of freewheel. So it's not suddenly jerking
19		your legs around like if you are affixed to your
20		bike.
21	Q	In a different application, then, how the Morse KK
22		clutch would be utilized in a curved manual
23		treadmill?
24	A	It's the same physical principle, but it's a
25		different application. You need different reasons

1 you're putting it there. 2 What's the reason of including the Morse KK clutch, 0 3 or something like the Morse KK clutch, in the 4 bicycle? So you don't -- so what ends up happening is if you 5 Α want to slow down or you want to coast, your legs 6 7 aren't forced to keep going at the speed you were. What's the reason for including the Morris KK 8 Q 9 clutch or something like the Morse KK clutch in a curved manual treadmill? 10 11 Α The direction. Preventing motion in the unintended 12 direction. If I asked you whether Exhibit 1018 described what 13 0 14 type of exercise equipment it was referring to in 15 the field applications, and you testified, "Not on 16 this page." Is there any information within 17 18 Exhibit 1018 that gives any context for the type of 19 exercise equipment that this manual is reportedly 20 referring to? 21 I'm not seeing any reference in here. I think Α 22 about one other application for an item like that 23 would be a rowing machine. So again, it's -- similar in the way a 24 25 bike works in that you really only want to have it

1 lock up in one direction, when you're actually applying resistance in the rowing machine. 2 3 But once you get to the end of it, as you 4 recoil back, you want it to be able to float so it's not jerking you back or allows you to actually 5 recoil. 6 7 And in your review there were rowing machines as of Q 8 2001 that included a Morse KK clutch or something 9 comparable? It would be something that would function 10 Α 11 similarly. I don't know if it would be that exact. 12 Have you ever heard the phrase "coaster bike"? Q 13 Α Yes. 14 What is a coaster bike? Q 15 It's a old school, one-speed bike that most of our Α 16 parents had when we were kids. Would a coaster bike have a Morse KK clutch or 17 Q 18 something comparable? 19 Α It would have something. Most any multi-speed bikes still have it, too. You still have the idea 20 21 if you have a free wheel in the back that locks up 22 as you're putting pressure on the pedals; but the 23 minute you take the pressure off the pedals, the free wheel allows the bike to just keep going 24 25 forward.

1	Q	And the function of the clutch-type component in
2		the rowing machine, that function is different than
3		the function it would have in a curved manual
4		treadmill; is that correct?
5	A	Yes.
6	Q	Would a person of ordinary skill in the art
7		consider a rowing machine to be a piece of exercise
8		equipment?
9	A	Yes.
10		MS. JELENCHICK: Pass the witness.
11		MR. TURNER: No further questions.
12		(Deposition concluded at 2:13 p.m.)
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1	CERTIFICATE	
2	STATE OF MICHIGAN	
3	COUNTY OF WAYNE	
4		
5	I do hereby certify the witness, whose attached testimony	
6	was taken in the above matter, was first	
7	duly sworn to tell the truth; the testimony	
8	contained herein was reduced to writing in the	
9	presence of the witness, by means of stenography;	
LO	afterwards transcribed; and is a true and complete	
L1	transcript of the testimony given. I further	
L2	certify that I am not connected by blood or	
L3	marriage with any of the parties, their attorneys	
L <b>4</b>	or agents, and that I am not interested directly,	
L5	indirectly or financially in the matter of	
<b>L</b> 6	controversy. In witness whereof, I have hereunto	
L7	set my hand at Westland, Michigan, April 15, 2024.	
18		
19	Shari J. Pavlovich	
20		
21	Shari J. Pavlovich, CSR-5926	
22	Notary Public, Wayne County, Michigan	
23	My commission expires 4/14/2025	
24		
25		

	<b>11</b> 29:17 49:5	<b>191</b> 94:4 95:14 96:10	
	<b>113</b> 56:24 57:6,7	<b>192</b> 100:23	
<b>02/2018</b> 16:4	<b>12</b> 14:8 67:22	<b>1:50</b> 102:8	
	<b>121</b> 57:19		
	<b>127</b> 58:1	2	
<b>1</b> 16:23 23:24 26:1 29:17 45:4,	<b>12:09</b> 78:15,18	<b>2</b> 21:5 26:16,19,23 27:5,18	
8 50:22 55:18 56:17 58:12,15	<b>12:40</b> 78:16	84:13 85:2,6	
66:25 67:3 70:10	<b>12:56</b> 78:19	<b>20</b> 6:17	
<b>1,211,765</b> 14:1	<b>13</b> 14:10 68:2	<b>2001</b> 102:21,23 103:5,22 104:6 106:8	
<b>10</b> 36:8,21 70:11	<b>130</b> 67:3,7,11,15	104:6 106:8 <b>2010</b> 94:2	
<b>10,561,884</b> 15:24	<b>1300</b> 51:1,12	<b>2010</b> 94.2 <b>2014</b> 99:10	
<b>10,799,745</b> 15:17	<b>1302</b> 51:2		
<b>1001</b> 8:11,13 34:14 45:2 55:19	<b>1304</b> 51:2,3,4,6	<b>2018</b> 6:4,8 15:6 16:19 <b>2019</b> 15:7	
<b>1002</b> 13:13	<b>1306</b> 51:3,4,6		
<b>1003</b> 13:17 86:13	<b>133</b> 59:10,16	<b>2020</b> 12:10,12,15,25 13:4 15:8 98:20,23 101:9	
<b>1004</b> 13:19 49:4	<b>134</b> 59:17 67:14,17	<b>2021</b> 15:9	
<b>1007</b> 13:21	<b>139</b> 59:19 60:8	<b>2022</b> 15:12	
<b>1008</b> 13:24	<b>140</b> 49:4 67:12	<b>2023</b> 15:15	
<b>1009</b> 14:1	<b>142</b> 62:6	<b>2024</b> 4:1 6:12 15:22 95:9	
<b>101</b> 44:5,24	<b>143</b> 62:11 63:12	<b>2025</b> 15:25 93:25	
<b>1010</b> 14:3 70:3,5 71:12	<b>144</b> 67:14,18	<b>2028</b> 16:2	
<b>1011</b> 10:22,25 14:5 66:23	<b>15</b> 16:21 102:21,23	<b>2029</b> 16:7	
<b>1012</b> 11:9,11	<b>159</b> 72:13,23	<b>2039</b> 94:20 95:4,17	
<b>1013</b> 10:12,14 14:11	<b>16</b> 27:16 51:11	<b>20957-6</b> 15:1	
<b>1014</b> 14:12	<b>166</b> 73:10	<b>22:47</b> 53:20	
<b>1015</b> 14:14	<b>167</b> 79:4,6 80:15	<b>23</b> 12:14,17 95:9 98:23,25	
<b>1016</b> 14:16	<b>168</b> 81:8,17	100:9	
<b>1017</b> 11:19,22 14:19 86:21	<b>16a</b> 21:9,16 27:11,13	<b>23:28</b> 53:20	
<b>1018</b> 14:20 89:5,7 102:14,16, 25 103:3,8,10,19 105:13,18	<b>17</b> 36:8	<b>25</b> 29:17 59:15 60:14	
<b>1019</b> 14:24	<b>172</b> 85:20	<b>251</b> 86:14,18	
<b>1020</b> 15:1	<b>173</b> 86:2,5 87:23	<b>25a</b> 21:9,16 27:17	
<b>1033</b> 15:4 48:2 59:7 62:5	<b>18</b> 50:25	<b>26</b> 35:6	
<b>104</b> 44:11 48:11 49:1	<b>183</b> 92:15,24	<b>27</b> 50:25 51:11	
<b>108</b> 52:23 53:10	<b>185</b> 93:11	<b>28</b> 84:7	
<b>10:34</b> 43:24	<b>189</b> 93:16	<b>29</b> 35:19 40:1	
<b>10:47</b> 44:1	<b>190</b> 93:21 94:8	<b>2:02</b> 102:9	
IVITE TT. I		<b>2:13</b> 107:12	

Job 29641

Index: 02/2018..2:13

**54** 46:5 93 31:23,25 3 **96** 32:5 37:19 38:22 41:13 43:7 **55** 46:17 67:23 **57** 45:12 46:14 47:4 63:14 83:6 **97** 42:12 **3** 24:3 25:10,20 26:4,11,16,19 27:5,19,23 28:20,22 30:12 **58** 49:5 62:16 63:14 84:20 98 57:2 31:9,11 37:23,25 38:8,16,20 **580** 8:14 13:13 18:6 19:3 32:12 9:11 4:2 41:13 42:15,21 43:7 34:13,19 35:12 36:15 37:6 3,637,206 10:15 45:2 48:23 49:4,16,24 50:8,15 52:19 53:24 54:9,12 55:12,18 **3,642,279** 14:13 56:9 57:11,16 58:8,12,16,17 3.0 96:21 a.m. 4:2 43:24 44:1 60:15 71:5 88:25 99:14 30 35:18 39:21 78:14 A]Iso 62:25 **31** 6:12 Abelbeck 14:15 318 86:22 88:11 **able** 7:23 10:5 25:6 42:22 **6** 15:2 50:18 84:22 43:5,17 106:4 **32** 36:22 45:5.12 55:19 **6'."** 84:23 **about** 4:2 5:12 10:2 13:13 **33** 36:21 **6,042,514** 14:14 14:5,8,11,19 20:4 28:20 31:13 **337** 70:6 33:3 40:5,13 41:5 43:13,20 60 49:5 83:11 44:7 45:15 46:23 47:10,14 **34** 89:23 **61** 84:11,23 49:7 50:25 52:12,14 54:1,2,17 **36** 50:15,16,17,19,23 51:5 55:6 55:14,15,20 60:14 70:1 71:2, **62** 84:9,14,24 85:6 56:9 60:15 16,18 72:2,7 74:18 75:20 78:6, 641424 13:25 24 80:24 85:8 89:17 98:5.19 **362** 14:12 102:14 103:3 105:22 **68** 51:3,18 **above** 31:25 38:1 45:24 67:8 86:8 7 **Absolutely** 8:10 4 84:20 76 20:10 29:14 accessed 17:11,19 **4,614,337** 14:4 **7a** 34:16,20 35:13 accident 30:23 **4,897,461[sic** 14:7 **7b** 34:25 accidental 31:3 **40** 17:22,23 7b-7h 35:9 according 29:13 34:23 35:3 **41** 18:14,15,20 84:12 36:9,23 38:21 50:21 101:9 7h 34:16 35:13 **45** 19:12 accordingly 68:4 **7i** 34:25 **46** 67:5 103:2 act 82:7 86:25 **47** 45:5 8 action 87:4,7 **48** 45:5 91:7 92:4 103:10 actually 14:22 23:1,7 25:23 8 4:1 89:16 **489** 84:20 51:25 56:19 66:15 71:9 79:23 **88** 23:5,19,22 27:9 84:3 86:12 88:19,20 90:23 92:24 104:14,15 106:1,5 5 9 **AD** 17:9 **5** 50:18 67:5 84:13 85:2,4,7 adapt 73:3 9 35:5,18 **5,538,489** 11:12 add 66:3 9,039,580 4:20 16:1 **5,897,461** 11:1 added 38:15,16 49:21 90 20:19,22,25 24:2 38:17 **53** 46:5 adding 74:9,10 **91** 23:7,14,19 75:4

Job 29641

Index: 3..adding

additional 15:3 38:14 74:22 Although 85:3 arc 27:12 76:6.15 **Altra** 16:8 area 23:10 25:24 26:10 28:19 address 75:19 am 99:15 aren't 105:7 addressed 74:14 75:20 77:3, analysis 45:21 54:20 85:23 **arms** 38:3,21,24 41:5,7,15,17, 15,23 20 42:18,20,25 43:6,16,18 analyzing 32:1 44:8 57:23 adequate 74:18 75:5 59:14 62:7 around 8:8 40:24 98:14 99:10 adjust 43:5 104:19 and/or 60:4 adjusted 43:9,12 art 10:2 22:7,9 31:17 50:1 anew 81:5 54:6,9 62:18 65:1 67:19 74:21 adjusting 40:14,17 angle 24:16,18,20,22 25:8 75:12,17 76:5 77:1,11,17,25 adjustment 41:16 42:6,22 41:16 42:3,4,6,18,20,25 80:3,6,11,21 82:17 89:13 91:22 92:7,10 103:6 107:6 Advocates 75:7 **angled** 79:13 ask 21:12 71:16 72:5,6 96:3 aerobic 68:7 angles 22:22 asked 26:8 33:3 41:18 105:13 affirmed 4:5 annotated 21:4 24:3,6 27:18 38:20,25 41:7,13 42:15,21 asking 71:2 102:13 **affixed** 104:19 87:22 **aspect** 65:18 after 23:7 48:4 85:18 91:5 annotations 37:24 86:14 88:4 assemblies 52:10 afternoon 72:1 another 7:25 36:23 41:21,23 assemblies' 57:12 again 15:10,22 21:12 27:8 80:12 87:3 assembly 22:10 51:1,11 34:5 36:2 54:7 59:3 60:14 answer 41:19 58:15 52:20 56:4 63:16 66:14 76:9 79:9 85:18 96:3 105:24 **any** 5:24 9:3,24 12:17 16:15 associated 7:24 57:12,16 22:9,10 27:14 33:10 46:6 **ago** 6:16 9:11 23:18 34:6 49:15 58:17 61:20 71:23 72:7 assume 34:10 49:14 46:14 59:2 101:6 75:8 80:18 81:22 85:16 89:3 **ASTM** 14:24 agree 26:18 33:24 34:2 35:12 92:25 94:7 98:9 99:19 100:8 36:15 41:4 101:22 102:23,24 103:6,18 attached 46:20 55:24 56:6 105:17,18,21 106:19 agreement 71:17 attorney 5:9 anyone 5:10 6:23 7:3 ahead 38:6 62:23 august 102:21,23 103:5,22 anything 7:14 46:23 47:16 **AI** 91:3 Australian 13:22 49:6 aligned 84:19 author 12:1 anywhere 45:8 allow 33:6 41:15 87:15 **Automation** 89:9 apex 25:8 allowed 83:25 available 71:19 appear 38:15 85:4 88:16 allows 8:8 106:5,24 avoid 22:16 25:22,24 26:3,10 appears 13:14 **alloy** 87:1 aware 12:19 99:15 102:23 **application** 66:8 71:4 90:11 103:5,22 104:7 92:14 103:12,25 104:10,21,25 **alone** 55:17 105:22 awkward 22:24 **already** 13:12 14:6,8 20:4 applications 64:16 66:5 28:25 74:14 75:15 77:19,23 91:19 92:6 104:6 105:15 R 92:10 also 7:24 13:7 25:2 31:11 applying 106:2 **baby** 63:3 62:23 67:10 68:19 96:21 Approximately 4:23 7:20 back 16:18 17:6 19:7 23:19 alternative 35:2,4 8:22 24:1 27:15 29:5,14 34:5 37:18 April 4:1 Alternatively 37:4

Job 29641

Index: additional..back

39:2 41:12,25 43:7 44:1,3

Index: background..cannot

Job 29641

48:10 53:3 54:7 55:18 59:1 63:13,23 68:5 72:1 74:17 78:16,19,21 79:3,22 94:9 102:9 106:4,5,21

**background** 68:22 101:12

backpack 8:5,6

Backstops 16:9

**balls** 88:17

bar 67:3

base 84:10,25

**based** 37:6 49:23 56:3 57:22 63:4,18 88:12,15 92:4 100:2

bases 71:20

basically 8:8 63:21 87:19

**basis** 86:18

Bayerlein 9:6,13

bearing 32:2,10,13,15,20,23, 25 33:4,7,13 37:8,11 45:14,19, 25 46:5,6,16,18,20,22 47:5,9 48:7 50:9,11,13,14,20,24 51:1, 10,11,13,14,21 52:7,10,19 54:15,17,18 55:1,2,4,5,11,15, 16,17,21,22,23 56:4,16,18 57:3,16,24,25 60:19,20,24 61:6,7,9,15,18 90:10 92:11 93:4,5

bearings 44:9,16 45:9,23 46:1,19 47:17,18,21,25 48:8, 13,17 49:7 50:2,9 51:6,9 53:21 54:1,2,3,13,14 55:8,9,23 56:5, 14,16 57:4,10,15 59:15 60:19 61:2,6,10,18 63:15 88:3,14,23 91:22 92:8 102:24

bearings' 53:15

bears 60:4

**became** 12:22

because 20:2 22:20,21 26:14 28:8,25 30:17 31:2 33:8 43:7 48:22 52:3 53:4 57:3,10 68:9 75:2 77:19 81:20,24 86:13 87:18 92:13 93:8

**become** 74:19

**been** 4:5,21,25 5:4 6:16 7:24 17:7,13 27:8 43:20 80:11 100:18,19

**before** 4:21 5:1 7:18 12:7 17:15 30:9 36:2 55:21 64:23 74:5 78:23 80:24 90:20 96:15 98:1,7,13,19 100:2 101:3

beginning 35:6 36:9

**being** 8:15 47:4 49:7 53:21 57:14 68:11 69:25 79:25 80:1 82:14 88:24 99:22

believe 26:13 39:7 73:8

**below** 38:9 44:17 45:10 46:8, 13,24 48:18 49:8,9 50:3,10 51:14,18 60:2 86:10,13

belt 18:8,24 19:2 24:21,23 25:4,5,6,9,12,15,16,19 26:3 28:4,5,10,11 29:10 30:21 31:9 45:11,13,17,19,25 46:8,10,25 47:4,8,12 48:20 49:8 50:5 51:15,19,22 52:5,6,21 57:23, 24 59:14 60:3,5,18,21 61:3,5, 12,18 73:20 74:6 75:8 79:14 80:7,8 81:12,13 82:8

bend 25:7,9,12 26:22

bending 24:23 25:16

**besides** 100:20

**best** 65:7

**better** 65:17 66:11 75:25 76:23

**between** 21:8,14,25 24:11,15 26:10,18,19 28:15,24 29:7,10 30:12,22 31:16 41:1 54:10,12 64:11 87:4,8,15,20 100:14

**beyond** 98:10

bicycle 104:2,9 105:4

bicycles 103:24

**bike** 104:11,20 105:25 106:12, 14,15,17,24

bikes 106:20

**binder** 10:12,23 11:9,20 12:10 13:11 16:14

bit 48:3 62:24

**Blair** 4:4,9 26:25 44:3 71:13 78:12,21 94:24 95:1 101:19 102:13

**Blair's** 71:18

block 23:22 49:6

**blue** 41:7

**book** 6:2 8:11 12:5 16:6 33:11 71:7 94:20

**both** 65:19 74:7

**bottom** 16:23 27:12 28:4,7 56:22 86:4 93:21

**brand** 103:3

**break** 43:21 78:7,8,10,23 101:20,21 102:4

bringing 58:21

broader 90:24

Browning 14:20

built 52:17 88:16

C

calculations 89:24

**call** 7:23 13:20 16:2 21:18 34:19 88:6 90:6

**called** 11:23 14:22 89:8 90:20 97:14

calling 90:18

calls 54:14 92:14

came 94:10

**can** 6:7 12:14 16:18,21 17:23 18:14 19:12 20:10,19,22 22:14 29:14 31:23 32:5,15 34:1,13, 16 35:5 36:8,12 37:14 38:3 39:8,9,14 40:7,9 41:11 42:12 44:5,11 45:4 50:15 52:23 53:1 56:24 57:19 58:1 59:3,10,19, 22 62:6,11 63:8,16 65:19 66:18,25 68:21,25 70:10,13,17 71:25 72:2,5,11,13,16 73:10, 13 75:25 76:9 77:7 79:3,6 81:8 83:6,11,14 85:20 86:2 90:9 91:7 92:15,18 93:11,16 95:21, 22,25 96:3,6,8 97:5 98:15,22, 25 100:23 101:17,21,24 102:4 104:8

can't 9:10 88:18 98:9,17

candidly 90:22

cannot 37:8 69:9

Job 29641 Index: capacity..constitutes **common** 83:20 commonly 88:23 company 14:22 89:8 90:7,8 100:19 comparable 104:5,9 106:9,18 compared 38:16 Competition 13:22 competitor 100:16 component 90:18,21 92:25 107:1 components 51:9 90:15 comprise 67:11 concave 35:15,21 concern 77:23 81:11 concluded 107:12 conditions 102:20 configuration 35:21 77:20 **confirm** 39:2 59:3 connect 8:5 22:2 34:8 **connected** 8:9 40:20 41:8,21 42:9 43:2,5 51:17 67:24 connecting 38:15,19 100:8 connection 34:9 42:5 43:14 100:8 connections 40:18 41:6 43:8 connector 83:25 connects 83:22 consider 27:21 28:4.14.23 54:19 68:12,15 71:14 73:5 76:14,16 107:7 Considerations 93:14 **considered** 5:23 7:12,15 13:8 28:11 91:22 92:7

capacity 52:8 ci

carrying 52:4

**case** 12:23 24:14 50:13 64:6 65:13 66:16 103:7

**cases** 63:23 64:5,23 66:7 69:14

**catalog** 16:7 89:8,13 90:3 91:8,23

catalogs 90:14

catch 25:8

catches 84:3

cause 22:2 73:19 79:13

**causes** 87:20

causing 25:3

century 17:9

certain 9:6

**certainly** 23:18 50:13 52:3 65:17 85:15 92:12

**cetera** 94:14 **chair'** 63:3

challenge 71:21

challenged 8:15

challenging 4:19

**chance** 82:20

change 26:16,19 29:2

characteristics 80:19,22

chart 15:25 94:1

Chickering 10:18,20 14:10 20:15 21:3 23:1,3,20,23 25:11, 20,23 26:2,6,9 27:6 28:18,25 29:1,13 30:8,10,14,19,24 31:10 33:8 37:16,23 62:9 63:25 64:7,8,20,24 65:2,6,22 66:1 69:15 73:1 78:24 79:18, 19,20 80:4,12,13,17,23 81:4,6

**Chickering's** 31:18 33:7 37:7,11 38:3

**child** 64:1

**children** 62:21 69:18 72:20 73:5

**circles** 38:24

cite 49:15,18

cited 5:25 13:4,7

**claim** 15:4,25 30:6,15 32:1 44:25 45:4,8,22 48:1,13 55:18 56:17,19,21 58:10,12,15,20 59:7,14,15 60:11,14,15,17 61:1,4,20,22,24 94:1

**Claims** 18:11 29:17,20 30:2, 25 32:9,12 44:16,23 56:19 58:17

class 64:16 69:12,23

clean 16:14,17

**clear** 54:8 66:6 71:15 72:4,9 85:4

**close** 22:15 94:17 96:15

**clutch** 16:7 86:9,20 87:2,6 90:10 92:23 103:8,12 104:8,9, 15,22 105:2,3,9 106:8,17

clutch-type 107:1

**clutches** 14:21 16:9 88:13 89:11 103:4,23 104:5

coast 104:17 105:6

coaster 106:12.14.17

colleagues 6:25

collectively 35:15,22 37:14

**colored** 87:24 **colorful** 37:21 **colors** 38:14

**column** 35:5,18 36:8,21 45:5, 12 49:5 50:18,25 51:10 55:19 60:15 67:5,22 68:1,2,21 70:10 84:20

combination 51:4 72:7,9

combine 62:8 78:24 80:12

come 41:25 77:4,11

**coming** 8:7 78:16 81:2 86:19

comments 16:16

commercial 94:17 96:16

Commission 13:23

considering 56:14

consistent 50:8

consistently 57:13

console 67:8 constitute 57:10

constitutes 103:19

Job 29641 Index: construction..diagram

**construction** 15:4 47:20 48:1,14,15 58:20 59:8 61:24

construe 48:7 62:2

construed 47:24 58:24

Consumer 13:23

**contact** 23:10 26:15 27:3,4,13 29:10,22 30:23 31:4,8 43:19

contacted 41:17 43:16

contacting 28:8 29:6

contacts 23:2,4 27:10 28:1

contemplate 76:5

**context** 33:22 49:13 55:10

58:8 105:18

**control** 75:2 83:15 84:22

conversation 90:8

convex 35:15,22

cooperates 51:2

**copies** 14:16

**copy** 8:14 39:4,9 89:5 98:18

102:16

**corner** 26:22

**correct** 8:16 9:18 11:3 13:1,8 19:16 21:5,6 23:15,24 24:4,5,8 28:12 29:12,18,19 33:1 36:3,6 42:18,19 47:15 50:6 51:7 55:12 56:1 58:7 59:8 60:6 63:6 70:8 71:8 73:7 76:7 78:2 82:1, 9,10 83:3 85:10 92:23 95:15 100:14 107:4

correspondence 68:5

corresponding 60:22,23

61:13

cost 92:21 93:3,4,8

**couch** 65:18

**could** 21:12 25:3,5 26:7 32:20, 25 33:25 34:2,8 36:2,5 64:1 65:2,22 67:19 69:18 71:1 72:21 76:5,22 77:1,10 101:23

Counsels' 71:17

couple 9:9 15:10 22:20 53:3

couple-minute 101:20

Court 47:24 48:7,14 58:24

62:2

Court's 59:7

create 25:5

cross 67:3

cross-section 88:16

crossbar 67:4,7,11,15

crossbars 67:24

**currently** 94:15 96:13

cursor 97:5

**curve** 19:25 24:24 25:1,12,19 28:14 30:14,22 34:10,11 36:7, 18,25 94:2,3,7,12,13,16 95:14, 17 96:9,10,18,19,21,24,25 97:8

**curved** 19:15 20:7,16 26:10 30:11,18 31:5,8 32:2,13,16,21, 25 33:6,12,18,19 35:14 36:5 37:8,14 45:17 47:12 60:21,23 61:13,14 66:11 72:22,24 73:18 74:16 81:25 82:2 99:13 100:21 104:22 105:10 107:3

**Cutter** 14:13

CV 13:19 15:7

D

date 88:25

dated 6:12 95:9

declaration 6:15,18,21 7:6,11 12:13 13:8,17 15:6,8,12,15 16:19 17:16,20,23 18:15 19:13 20:5,11,20 23:6,15 29:15 31:23 32:6 37:18 38:17,22 41:12,14 42:13 44:5,12,24 52:23 56:25 57:7,20 58:2 59:11 60:7 62:7,16 63:12,14 71:19 72:13 73:11 79:4 81:8 83:6 84:7,15 85:21 86:15,17 87:23 92:15 93:11 95:13 96:18,25 97:10 98:19 99:9 100:23,25 101:9

**declarations** 5:23,25 15:18

decline 82:12 declined 82:14

**define** 32:2 35:23

defined 35:15 43:8

definitely 21:24

definition 33:19

degree 9:15,22,25 10:8

delivered 13:5

depend 25:14 78:4

**depends** 33:22 43:19 52:16 65:12,13 66:7,14 89:14

depicted 86:10 103:8

deposed 4:21,25 5:16

**deposition** 4:14 5:3,8,13,21 15:18,20,22,23 16:10 107:12

**describe** 21:7,14 24:10,21 26:9 34:20 52:19 64:5 65:9 69:12 77:5 80:13 85:16 104:8

**described** 27:8 39:3 53:14,21 56:17,18,21 57:13 63:25 64:7, 8 68:11 69:13,14,16 70:20 74:2 76:6 77:14,22 85:13 91:23 105:13

**describes** 54:15 67:23 70:16, 21 84:7 91:11

**describing** 53:12 68:13,16,19 69:2 83:8.14

**description** 48:22 49:24 63:22 66:6 74:10 89:17 92:4 98:8

**design** 25:3 62:18 77:20 80:20

**designed** 65:21,22 69:22,23, 24 74:4

desk 91:3

despite 53:12 80:16

detail 48:6 53:13

detailed 89:22 90:7

details 97:25

**device** 18:2,4,6,7,9,12 29:2 56:22 64:9,12 65:7 69:22,25 73:22 79:11,18,19 81:21 86:9

**devices** 11:24 14:21 15:9 89:11

09.11

diagram 88:10

BLAIR, KIM 04/08/2024 Index: dial..engaging dial 90:9 101:19 102:13 **disposed** 45:15 47:10 51:13 52:12,14 59:25 61:8,25 62:2 dictionary 49:18 drafted 7:6 disposing 59:14 60:18 61:5, **did** 5:3,7,10,12,20,24 6:20 7:3, **drawn** 92:12 25 62:3 8,10 10:3 13:3,5 26:15 31:3,10 dropped 41:24 35:12 48:7,14 49:15,18 52:10 distinct 57:15 59:5 62:2 63:20 71:13 88:6,7 **duly** 4:5 distinguishing 54:9,12 64:11 didn't 30:13 54:22 69:17 77:5 during 74:19 75:5 **District** 47:24 48:7,14 58:24 93:8 59:7 62:2 differences 64:13 Ε document 17:25 18:17 20:24 different 16:11 21:2 54:18 32:8 35:8 36:14 44:14 57:1 E-M-E-R-S-O-N 14:23 55:4,8,9 56:17 76:1 77:12 78:1 58:4 59:2,6,24 62:13 69:1 81:22,24 94:3 95:10 100:19 70:15 72:18 73:15 79:8 81:10 each 22:2 35:20 41:17 43:16 104:21,25 107:2 83:13 92:20 99:2 62:25 difficult 73:2 documents 5:4,20,24 12:19 earlier 20:5 63:24 64:16 69:11 13:10 16:11 90:23 91:1 101:4 digit 5:14,17,18 does 9:23 17:1 19:9 20:15 early 13:24 digits 70:7 25:10,11,19,20 26:2,6,9,19 Ecomill 97:11 digs 84:3 28:18 29:2 37:2 39:21,23 40:17,18 45:8 46:6,16,17 Edition 11:25 **direct** 23:20 47:16 49:3,6,10 51:21 52:19 editor 12:1 directed 64:18,20,22,24 99:13 53:24 61:8,20 67:2 68:20 70:19 78:16 79:20 80:2,13,18, 103:10 educate 89:18 21 84:5 85:12,13,15,16,19 direction 18:19,21,22,25 effect 82:4 86:20 87:7 88:8 96:9 99:3,5 19:4,5 48:25 73:21 74:7,8 75:8 effort 93:9 doesn't 49:9 53:25 69:5,8 79:15 80:7 81:12,14 82:6,21, 74:15,19 76:3 81:6 85:3 23,24 83:2,5,24 84:2,4 87:5, either 43:10 63:1 83:5 93:9 14,18 105:11,12 106:1 **don't** 5:14 10:4.7.10 17:6.21 element 50:23 84:17 18:11 19:11 26:13 29:24 39:5, directional 18:23 19:1 elements 87:9,23,25 88:3,7,9 7,18,24 43:1 45:1 59:2 68:10 directions 18:8 79:24 85:18 93:7 96:16 97:20, elevated 82:19 25 99:19 100:10 101:6,13 directly 73:8 81:5 105:5 106:11 else 5:10 6:23 director 101:10 **done** 17:24 18:16,17 20:23 **embodiment** 25:20 26:1,4,11 disclose 20:15 26:9 32:7 35:7 36:13 44:13 53:2 28:21,22 30:12 31:12,14,19 56:25 58:3 59:23 62:12 70:14 34:24 36:10,24 50:21 51:5 disclosed 84:5 84:22 85:7

disclosure 31:18 37:6

disclosures 64:13,14

discounted 99:12

62:17 75:4

discussed 26:1 36:2 102:25

discloses 35:12 36:15 37:16

discusses 71:20

discussing 92:21 93:13,17

discussion 34:6

discussions 98:14,15

72:17 73:14 79:7 81:9 83:12 90:20 92:19

double 5:14,17,18

**Doug** 9:6,12,15

down 22:25 41:24 42:12 43:13 83:4 105:6

downward 43:12 80:9

downwardly 23:10 24:7,11 27:11,23 28:16 29:5 40:22

dozen 4:24

**Dr** 4:4,9 15:13 26:25 38:5 44:3 71:13,18 78:12,21 86:15,17

embodiments 21:2 35:4 63:1

Job 29641

Emerson 14:22 89:8

employee 101:8

end 32:20 43:9,10,12 66:8 75:3 80:8 88:19,20 101:24 106:3

**ends** 38:23 41:6,16 70:6 87:18 105:5

engagement 67:12 engaging 67:14 84:10

Job 29641 BLAIR, KIM 04/08/2024 Index: engineering..form engineering 9:15,22,25 10:8 fine 53:8 72:3 96:1 23 101:9 102:14,16,18,25 101:11 103:3,8,10,19 105:13,18 fingers 22:4 enlarge 40:7 96:6 **Exhibits** 6:2 13:3,6 16:13,15 firm 7:4,17 19:22 71:7 94:24 entire 8:20,23 19:25 45:7 **first** 17:9 21:8,15,25 22:21,23 expect 39:5 82:17,24 56:15 27:10 32:2 45:14,19,25 46:6 expected 18:22 **equipment** 15:2 22:8 88:23 47:5,9 55:22,23 57:24 60:19, 91:15,18,23 92:5 103:13,17,20 24 61:6,14 68:22 **experience** 90:13,14,19 104:2 105:14,19 107:8 98:12 first-named 9:13 11:2.13 equitable 72:8 12:1 expert 4:14 Eric 12:13 15:8 **fitness** 15:5 91:13,24 92:5 explain 26:6 88:8 99:10,17,20 104:6 et 94:14 explains 74:16 five 8:24 evaluation 103:7 explicitly 37:16 45:18 49:9 five-minute 102:4 even 23:7 30:12 31:3 38:4 53:19 58:19 54:19 66:6 77:4 82:16 flat 31:4 66:10 81:15,19,25 **expressly** 48:12 69:17 82:3,9,11,15,25 ever 97:21 106:12 extent 72:6 flexible 25:16 everybody 90:25 flip 59:3 exact 48:5 94:9 106:11 F flipping 48:5 49:20 59:1 exactly 6:16 41:18 43:19 **F2115-05** 14:24 88:19 94:10 101:6 float 106:4 fact 10:4 31:15 **EXAMINATION** 4:7 102:11 fly 8:8 fairly 66:1 examined 4:6 focused 64:15 69:24 93:1 fall 74:17 **example** 20:4 31:10 49:18 Foley 7:4,17 19:20 53:20 54:15 55:13 82:3 89:16 familiar 12:7 17:17 99:25 follow 24:24 25:6 103:24 **far** 64:12 90:6 95:22 **follow-on** 61:11 excerpt 95:5 feet 23:9 62:20 66:6 72:20 followed 46:13 excerpts 29:17 73:4.7 following 77:8 excuse 61:9 69:15 few 6:16 17:13 34:6 59:2 101:5 follows 4:6 45:17 47:12 60:21 exemplary 34:23 35:4 36:10, field 91:18 92:6 103:11 105:15 61:12 23 50:21 figure 21:5 23:24 24:2,3 **foot** 23:1,3 27:2,10,12 28:1,18 **exercise** 22:7 64:9,11,20,24 25:10,20 26:1,4,11,16,19,23 29:9 31:7 65:18,19 68:11,12,14,15,17 27:18,19,23 28:20,22 30:12 69:25 70:17 88:23 91:15,18,23 footnote 16:23 31:9,11 34:20 37:21,23,25 92:5 103:13,16,20 104:2 38:1,8,16,20 39:22 40:18 force 83:5 105:14,19 107:7 41:13 42:15,21 43:7 50:15,17, forced 105:7 19,22,23 51:5 55:5 56:9 66:25 exercising 68:3 67:3 85:4,6,7 94:10 foregoing 53:5,6 exhaust 8:6

**Exhibit** 6:4,8 8:11,13 10:12, 14,22,25 11:9,11,19,22 12:10, 12,15,25 13:4,13,17,19,21,24 14:1,3,5,14 15:1,25 16:2,19 33:11 34:14 45:2 48:2 55:19 59:7 62:5 66:20,23 70:3,5 71:7,10,12,13 86:13,21 89:5,7 93:25 94:20,23 95:4,17 98:20,

figures 23:8 24:1 27:5,7 34:16,18 35:9,13 38:4 84:13 85:2

**file** 13:14

filed 12:20 17:16

find 39:19

forget 66:20

forgot 48:5

form 7:7 18:10 19:6 20:1 21:10,23 24:13 25:13 26:12,20 27:25 28:6 29:23 30:4,16 31:1, 20 32:11,17 33:2 34:4 35:17 36:20 37:10 38:13 44:19 46:11

47:1 48:21 51:16,23 52:15 54:21 56:7 57:5 58:11 60:12 63:7 64:3 65:4,11,24 67:21 70:23 75:22 76:8 77:6 78:3 89:1 91:25 93:6 95:20 98:3 99:7,23 100:6,17

forms 20:6

formsprag 87:2

forth 68:5

forward 23:11 74:7 106:25

Four 7:21 8:24

frame 46:21 55:25 56:6 67:9

free 74:7 106:21,24

freely 87:16

freewheel 104:13,18

freewheels 87:6

friction 74:19 75:5,7,16

frightening 8:10

from 8:6 11:23 13:12,22 14:17,22 16:8 17:17 18:8 19:18,21 21:2 23:20,23 25:3 26:16 37:23 38:9,10 39:2 49:4 57:15 59:13 62:5 63:23 65:18 67:4 73:8,22 79:12 80:19 81:21,22 84:20 86:11,14,19,21 87:3,22 88:4,19 90:18 94:2,10 95:5 97:4 99:8

front 9:1 13:12 22:22 29:6 40:21 41:1,3,24 42:1,7,23 45:15 47:10 84:12 102:16

fulfills 92:11

full 60:14 95:24

function 52:4 106:10 107:1,2,

functionally 57:14 67:7

further 67:10 75:19 107:11

G

**gap** 21:21,25

gave 63:23 64:23

**gear** 83:19,21 84:5,17 85:12,

13

**gears** 83:16 84:11,13,23 85:1, 16

general 22:9 89:17 92:24

generally 83:1

generic 18:3

geometric 35:21

geometry 29:1 33:19 43:3

**gets** 22:15

**getting** 65:18

Giachetti 15:13,15 38:5 88:4

Giachetti's 13:17,19 86:15,17

**give** 31:10

gives 105:18

**go** 17:6 19:7 22:25 38:6 39:2 40:3,10 41:12 48:10 55:18 67:22 79:22 80:7,8 89:21 90:1 94:9 98:22,23 104:16

goes 84:2

**going** 4:18 5:15 10:9 25:7 29:4 38:7 43:20 44:7 53:3 54:6 71:16 72:6 78:7 82:1,4 94:22 102:6 104:12,16 105:7 106:24

**good** 4:9,10 78:13,16,17 102:7

got 63:15 76:23 87:11

**grab** 68:2

gravity 82:5,7

green 38:24

**guess** 14:21 21:18 25:17 29:24 32:18 65:12 85:6 90:21 101:25

**Guide** 13:22

**guided** 90:21

guys 43:21 78:7

Н

**had** 30:9 34:6 90:24 92:10 100:20 106:16

half 43:20

Half-hour 78:13

Handbook 14:18

**handicapped** 62:21 70:18

Job 29641

Index: forms..help

72:21 73:5

handled 67:25

handles 67:14,17,23 68:4

handrails 66:6,10,12 67:2

hanging 55:17

happened 30:13

happening 87:18 105:5

**happens** 87:13

hard 40:20 51:24

hardened 87:1

**has** 9:15,22 28:25 30:22 35:20 36:7 46:8 51:1 52:3 64:5 66:5 67:17 74:14 77:20,23 82:2 84:9 85:6 87:23 89:23 101:11

**have** 4:21,25 5:4 6:2,4 7:17, 19,24 8:11,18,19,22 9:3,5,25 10:7,12,22 11:9,19 12:10 13:13 16:15 17:6 19:7 20:25 21:8,15,25 23:5,20,23 24:2,6 25:7,9 27:8,21 29:17 31:3 33:5,6 37:21 39:4 41:25 42:3, 6,10 43:8 44:17,23 45:1,10,25 46:24 48:18,25 49:3,21 50:3, 11 51:21 55:10 64:2 65:1 66:2 70:2 77:1,11 79:9,22 80:3,11 82:4 84:5 85:3,12,14,17 89:5 90:7,13,25 91:22 92:7 93:7 94:9,20 96:24 97:21,23,25 98:4,12,18 99:24 100:7,18,19 101:3,14 102:1,16 105:25 106:12,17,19,20,21 107:3

**having** 4:5 46:1,19 55:22 62:14 73:18 74:18 77:8 81:19 83:15

hazard 81:13,18 82:8,13

**he's** 77:15 101:9

**head** 7:1 9:16 10:11 94:19 98:17

header 59:13

heading 20:14 32:1 57:22

**heard** 97:21 98:1,5,7,8,12 106:12

Toll Free: 844.730.4066

help 90:9,10,14 91:3

Job 29641 Index: helpful..inventor incorporated 53:22 102:25 103:7 incorporating 53:14 incredibly 34:7 Indeed 38:2 independent 42:6,22 independently 42:1 43:6 indicated 25:7 indicates 12:23 58:6 **Industrial** 16:8 89:9 industries 91:11,14 industry 91:24 92:5 inferences 98:9 infinitely 32:19,23,24 33:5 **information** 16:3 103:18 105:17 infringed 99:12 100:20 inner 41:16,20 51:2,6 87:13, 16,20 instances 99:15 instruction 16:3 insufficient 75:18 **intend** 30:13 intended 18:19,20,22 19:4 23:9 29:12,21 30:2,5 62:18 **intends** 29:22 intention 71:2 intentions 78:5 interference 22:3 **intersect** 24:15,17 intersecting 30:18 42:10 intersection 41:22 intersects 23:12 introduced 99:11

helpful 16:12 90:23

**helps** 96:7

here 4:11 27:11 28:23 33:14 38:1 39:13,17,20 41:11 42:17 44:8 45:21 52:13 57:6,22 58:5 59:13,25 62:7 63:16 64:5,14 68:11 69:2 70:16 72:8 73:16 74:23 75:20 78:11 81:16 83:8, 14 85:3,23 89:10 93:13 94:13 96:5 97:5,13,14 99:9 100:25 105:21

Here's 95:24

Hey 76:23

high 80:8

higher 82:19

highlighted 27:22

history 13:14 17:3

hold 71:25 72:2

holding 68:2

holes 38:25 40:5,16 41:1,8,9

**homes** 69:19

homes' 63:2

horizontal 83:1

hose 8:6

hospitals 63:2 69:19

hour 43:20

**hours** 5:14,17,18 6:17 91:5

housing 51:1

how 4:23 5:3,12 6:14 7:20 8:22 21:7,14 24:10,20 25:5,15, 16 38:12 52:16 54:9,12 65:9, 22 67:23 74:10 76:19 78:9 86:20 89:12,17,19 91:13 103:16 104:8,21

however 78:12 80:16 82:25

hydropacks 8:1,2

hypothetically 32:19,23

ı

**I'D** 17:6 19:7 54:5 71:18 79:22 89:3 94:9

I'LL 39:19 41:11 103:17

**I'M** 6:24 9:23 14:12 17:17 23:18 26:7 39:21 51:8,14 53:3 54:23 59:17 63:8 67:4 68:1,15 71:22 74:3,9 77:7 81:12 92:1 94:17,22 96:15 99:24 104:7 105:21

**I'VE** 63:15 64:4 98:5,7,8

idea 98:4 99:24 100:7 106:20

identified 74:23 77:2,12 87:24 89:20 92:10 103:11

identifies 76:19

**identify** 75:12 76:3,15,20 79:20

identifying 74:1,12

**ignore** 31:18

illustrate 25:11

illustrated 55:5 56:9 85:2

illustration 43:2 85:15

image 21:4 40:19 42:24 86:4, 7,8,11,12,13 87:11,22 88:19 93:20 94:8 95:24 96:11 97:12 100:2,9

**images** 17:8 19:15,18 21:1,2 27:5

implied 56:22

impossible 73:2

improved 78:1

improvements 76:15

improves 18:4

inadvertently 73:22

inclination 40:14

**incline** 82:12

inclined 82:14 83:1

**include** 19:15 33:11,18 46:6 61:20 62:3 67:2 75:1 93:20

included 13:11 24:2 33:11 37:5 58:10,17 60:10 86:4 89:10 106:8

includes 56:5 84:23 89:9,10

including 99:14 105:2,8

**invent** 76:24

**invention** 68:23 70:17 75:24 76:12,13,17,18 77:18 81:2

**inventor** 9:13 10:16 11:2,13 76:14.19

Job 29641 Index: inventors..litigation

inventors 8:25 9:3,5,24 10:3

invoking 68:7

involved 6:25

**IPR** 4:19 5:1,18 6:5 8:16 12:8, 20 70:25 71:7 101:15

IPR2023-00836 4:19 6:5

IPRS 4:25 5:16

**ISO** 15:1

issue 74:13.14

it's 6:12,16 8:5 10:15 11:23 13:24 14:14 16:7 17:2,7,13 18:3,7 22:9,14,20,24 25:7 27:2 29:21 30:17,18 31:4,7 32:24 36:7 39:9,17 40:12 43:2 44:20 49:11 50:10 51:4 54:1 56:22 65:17 66:23 71:9,12 77:22,24 78:6,15 81:16,25 82:3 83:20, 24 85:8 89:8 91:13 93:25 94:1 95:6,25 96:1,4 97:4 101:25 104:11,16,17,18,24 105:24 106:5,15

item 105:22

itself 39:3 49:24 60:11 61:23 76:3 77:13 80:13 88:8

J

**January** 6:12 95:9

Jelenchick 5:9 6:22 7:7 18:10
19:6 20:1 21:10,17,23 24:13
25:13 26:12,20 27:25 28:6
29:23 30:4,16 31:1,20 32:11,
17 33:2 34:4 35:17 36:20
37:10 38:13 39:7 43:22 44:19
46:11 47:1 48:21 51:16,23
52:15 54:4,21 56:7,11 57:5
58:11 60:12 63:7 64:3 65:4,11,
24 66:13 67:21 70:23 71:9,12
72:4 75:22 76:8 77:6 78:3,8,
11,14,17 89:1 91:25 93:6
95:20 98:3 99:7,23 100:6,17
101:17,19 102:1,7,12 107:10

jerking 104:18 106:5

jet 8:6,7,8,9

judicious 71:17

**just** 10:5 16:13 22:21 25:25 30:13 39:22 40:2 54:17,25

55:11,14,16 59:6 63:23 71:1, 15,22 74:3,9 75:8 76:22 77:8 82:15 86:22 87:15 88:15 95:25 96:1,4 99:8 100:8,9 101:24 102:3,6 104:17 106:24

Κ

Kadie 101:15,22

**keep** 78:7 101:16,17 102:6 105:7 106:24

**Kenton** 10:18

kids 106:16

**KIM** 4:4

**kind** 44:17 45:10 46:24 48:18 50:3 79:23 87:12 100:8

**KK** 103:3,12,22 104:4,8,21 105:2,3,8,9 106:8,17

know 4:11 5:14 9:15,22,24 10:4,7,10 12:24 17:4,24 18:3, 16 19:3,21,23,24 20:2,6,23 30:8 32:6,19 35:7 36:13 38:19 39:1 44:13 47:24 52:1 53:2 56:14,25 58:2,24 59:23 62:12 70:14 72:17 73:13 77:15 79:6 80:25 81:1,5,6,9 82:18 83:12 88:22 92:18 94:7,10,12,15,18 96:13,16 97:19 98:5,6 100:10 101:8,11 103:16 104:4 106:11

knowledge 89:2

known 65:2

L

labeled 85:6 88:10

laid 96:4

language 45:22 58:9 60:9,11

largely 66:7

last 6:8 11:4,5,13 16:6 17:10, 13 37:2 53:10 70:7 80:15 102:18

later 56:18,19 75:3

law 7:4,17

least 57:10 60:4 87:11 89:3,9

**leaves** 27:13

**left** 8:25 21:4 55:24 56:6 82:11 85:8.9 91:10 97:4

leftmost 43:14

**Legacy** 97:11

legs 104:19 105:6

less 93:4

let 14:13 17:24 18:16,21 20:22 32:6 35:7 36:12 39:12 41:18 44:13 53:1 56:25 58:2 59:22 62:12 70:13 72:17 73:13 77:10 79:6 81:9 83:12 92:18

**let's** 6:7 20:10 39:12 53:10 71:25 76:24 84:21 98:22

level 6:25 10:2

levels 20:7

Lifecore 7:24 15:5

**like** 8:8 9:8 17:9 22:25 36:5 39:16,22,24 40:3 60:16 71:18 72:24 73:1 74:23 78:12 89:13, 16,22 90:14 95:6 104:19 105:3,9,22

likely 6:19 17:14

**limitation** 32:1 45:25 46:2,5, 6,17,18,22,23 47:7,13,22 48:13 55:20,21 57:23 61:1

**limitations** 30:15 44:9 46:7 56:3 57:3

limited 71:4

line 19:25 33:23 35:6,18 36:8, 21 46:13,14,17 47:3 50:18,25 51:11 67:5,23 70:11 72:5 84:20 90:7,18

**linear** 33:21,22,24 34:2,7,9 35:16,22 36:2,17,24 37:4

**lines** 38:15,19 45:5,12 46:3 47:3.19

link 17:11,15,17

Linkedin 10:9

**list** 8:25 49:21,22 64:15 94:3, 12

listed 5:5,22 7:14 13:7 97:13

lists 95:10

litigation 100:13

Job 29641 Index: little..Mr

**little** 21:12 44:25 48:2 83:22 84:1 96:6

lock 106:1

locks 104:15 106:21

long 78:9,12

longer 63:22 96:17

**look** 39:22 52:1 54:19 55:10 62:16 65:6 66:25 77:18 102:18 103:2

looked 17:7 48:2

looking 39:22 45:22 88:15

looks 75:24 95:6

lost 99:16

**lot** 104:18

LTG 94:13 96:18,19

lunch 78:7,8,11

## M

**machine** 105:23 106:2 107:2,

machines 106:7

made 32:19 42:5 87:1 100:7

**Magid** 11:14,17 14:9 62:8,14, 17 63:13,22 64:5,15,18,22 66:5 69:13,20,22 70:21 73:8 78:24 83:8,14 84:5,14 85:2,13, 16,24

Magid's 84:19

maintain 42:1,2,3

**make** 34:8 37:12 48:3 71:18 72:9 83:5 84:18 98:9

makes 59:18

**manual** 16:3,4 34:22 35:3 50:20 72:22 99:14 100:21 104:22 105:10,19 107:3

many 4:23 7:20 8:22

marked 6:4 21:8,15

**market** 96:17

marketing 101:10

markings 16:15

matching 83:23

mated 56:16

material 25:15,16

materials 7:12,14 13:7

matter 7:25 15:6,13,16

matters 7:20,22 17:18

**may** 27:13 30:10 36:17,24 37:4 67:11 73:19 79:13 89:18

**maybe** 4:24 9:10 40:2 52:1 76:14 91:3 96:17

**mean** 36:3,5 53:18 55:13,14 61:8 62:14 65:17 76:13 80:2 81:24 87:7 88:15 94:25 97:7

meaning 55:11

**means** 18:21,22,25 49:11 60:1 67:13 83:15 84:22 97:19 98:5

measurements 51:25

mechanical 11:24 14:20 15:9 22:2,10 25:3 89:11

**Mechanisms** 11:24 15:9

**meet** 5:7,10 24:17,18,20 30:15,24 42:18,25 57:3

meeting 67:12

meetings 9:10

mentioned 9:12,17 20:3,7 46:13,14 54:25 69:11 76:12 80:1 101:4

mentions 47:4

**met** 9:3,5 42:20 43:4 56:3 101:3,5,6

metal 88:21

metallic 87:9

methods 15:3

middle 23:2 29:6 40:19 79:10

miaht 90:3

minimized 90:25

minute 15:14 88:18 106:23

minutes 34:6 59:2 78:14

misunderstood 26:8

mix 53:25

**model** 52:2

models 94:16

modification 41:4

**modified** 38:8,12

**modify** 75:1,13,19 77:19

80:23 81:4

moment 23:18 46:14

Monday 4:1

months 6:16 17:13

**more** 6:17 19:19 20:8 27:3 32:15 67:14 69:24 89:22 90:21,22 93:4 96:6 98:15 99:19 101:14

morning 4:9,10

**Morris** 105:8

**Morse** 14:20 103:3,12,22 104:4,8,21 105:2,3,9 106:8,17

**most** 31:13 33:22 83:20 106:15,19

**motion** 16:8 75:8 82:8 84:4 87:21 105:11

motivated 75:19 80:12,23

motivation 62:8

Motorized 14:25

mount 79:11

mounted 52:12 82:25

mounting 81:20,22

mounts 73:22

**move** 40:25 41:23,25 67:25 72:11 73:20 74:7 79:14 82:20 83:2,5 87:14

**movement** 18:23 19:1 75:9, 10

movements 62:20 72:20 73:7

movements.' 73:4

moves 27:11,15 28:10

**moving** 18:8 40:15 81:12,14 82:22,23 97:6

**Mr** 4:8 7:9 13:17,19 15:13,15 18:13 19:10 20:5,9 21:13,20 22:6 24:19 25:18 26:17,24 28:3,9 30:1,7,20 31:6,22

32:14,22 33:9 34:12 36:1 37:1, 13 38:18 39:11 44:2,22 46:15 47:6 48:24 51:20 52:9,18 54:11,24 56:8,20 57:18 58:13 60:13 63:10 64:10 65:8,14 66:9,17 68:8 70:24 71:6,11,22 72:5,11,12 76:2,11 77:9 78:6, 9,15,20 89:4 92:3 93:10 94:24 95:1,23 98:11,18 99:9,18 100:1,12,22,25 101:3,8,11,14, 18,21 102:3,13 103:10 107:11

Ms 5:9 6:22 7:7 18:10 19:6 20:1 21:10,17,23 24:13 25:13 26:12,20 27:25 28:6 29:23 30:4,16 31:1,20 32:11,17 33:2 34:4 35:17 36:20 37:10 38:13 39:7 43:22 44:19 46:11 47:1 48:21 51:16,23 52:15 54:4,21 56:7,11 57:5 58:11 60:12 63:7 64:3 65:4,11,24 66:13 67:21 70:23 71:9,12 72:4 75:22 76:8 77:6 78:3,8,11,14,17 89:1 91:25 93:6 95:20 98:3 99:7,23 100:6,17 101:17,19 102:1,7,12 107:10

much 5:12 6:14 53:19 90:22

multi-planar 72:25 80:17,20

multi-speed 106:19

**multiple** 33:24 34:2 37:4 99:15

**must** 44:16 45:9 46:7 48:17 50:2,9 60:2

**my** 4:17 5:5,6 7:1 8:17 9:16 10:1,10 15:6,7 38:17,22 39:12, 14 48:4 49:21 54:5 55:3 57:7 58:15 60:7 62:16 63:15,24 64:17 69:22 81:16 84:7 89:2 90:23 91:1 94:18,22 95:2 96:5 97:5 98:17

## Ν

name 7:23 8:2 11:4,5,14

named 10:3

names 7:1

nature 38:3

near 27:11 102:19

necessarily 81:6 82:22

**need** 19:11 40:9 75:5 76:3 77:19 80:25 81:7 92:10 99:19 104:25

needs 90:9

**never** 23:1,4 29:9 31:8 53:14 89:3

new 77:4

**next** 40:10 96:24 97:10 101:16 102:5

nice 66:5

**Nicholas** 9:20,22

Nick 9:6,17

no 5:11 7:5,16 10:9 12:9,18 16:17 17:12 20:2 24:15 28:19, 25 30:17 31:2,21 40:5,9 47:2, 18,23 48:9 49:20 51:8 52:22 58:15,19,23 62:1,5 63:20 69:11 74:3 81:21 83:4 89:2 96:6,8,12,15,17,20 97:20 98:4 99:24 100:7 101:14 102:1 103:1,9 107:11

non-curved 38:2

non-human 91:4

Non-motorized 16:4

**non-planar** 33:16,25 34:3 35:14 36:5 37:5

noon 78:6

**Nope** 96:23

Notably 53:5

notches 84:1

**note** 31:10

notebook 39:8,10

noted 64:24 96:15

Nothing 61:22

noting 74:3

**number** 4:20 13:19,24,25 14:1,4,8,12,16 15:17,24 16:1,7 39:5 66:20 76:20 85:6 86:23, 24 94:3,12 95:10 101:5

numbered 85:3

numbers 84:19

## 0

Job 29641

Index: Ms..okay

Object 58:11 65:4

objection 7:7 18:10 19:6 20:1 21:10,17,23 24:13 25:13 26:12,20 27:25 28:6 29:23 30:4,16 31:1,20 32:11,17 33:2 34:4 35:17 36:20 37:10 38:13 44:19 46:11 47:1 48:21 51:16, 23 52:15 54:4,21 56:7,11 57:5 60:12 63:7 64:3 65:24 66:13 67:21 70:23 75:22 76:8 77:6 78:3 95:20 98:3 99:7,23 100:17

**Oblamski** 9:6,20

observed 38:4

**obtuse** 24:16,18,20,21 42:2,3

occasion 30:11

oddly-shaped 87:10

**off** 7:1 9:16 10:10 71:25 74:17 94:18 98:17 106:23

offered 95:19

offerings 93:17

official 100:10

Oftentimes 90:5

**Oh** 6:6 15:20 59:18 90:16 91:17 96:6

**okay** 4:16,25 5:3,7,10,15,20, 24 6:2,4,7,9 7:3,6,10,14,20,22 8:11,15 9:12,24 10:7,12,19,22 11:5,16 12:4,10,14,16,19,25 13:3,6,10,16,18 15:21 16:18 17:10,15,19,22,25 19:11,14,21 20:12,19,21,24 21:4 22:12 23:14,17 24:1,9,20 25:19 26:6, 25 27:17 28:14 29:16 31:24 32:5,8 33:10,24 34:15,17 35:11 36:8,11,14 37:20,24 38:6,12,23 39:4 40:7,11,17 41:2,11 42:5,14 43:4,20 44:6, 11,14 45:6,21 48:10 51:21 52:25 53:9 56:24 57:1,21 58:1, 4 59:4,10,12,18,19,21,24 60:9 61:20,24 62:6,13 63:15 65:19 66:24 68:21,24 69:1,7 70:10, 15 71:11 72:11,15,18 73:10, 12,15 74:12 79:3,5,8,20 80:1, 10 81:10 83:7,13 85:5,7,12,16,

20,22 86:1,3,16,20 87:22 88:5, 12,22 91:9,16,21 92:17,20 93:12,16 94:3,12,20 95:2,9 96:21 97:3,10,14 98:18,24 100:13,24 101:18 102:7

**old** 62:22 69:18 72:21 73:6 106:15

once 28:10 31:2 106:3

one 9:7 14:5 16:6 19:21 31:12 32:15 35:8 36:9 41:21,23 43:13 51:11 53:4 54:6,8 67:14 68:21 71:6 81:5 83:24 84:3,4, 10 87:3,5,14 91:14,18 93:8,9 94:10,23 95:25 97:4,5 101:13, 16 102:5 103:11 104:12 105:22 106:1

one-speed 106:15

**one-way** 50:20,24 51:1,10,13, 14,21 52:10,19 54:17 55:5,15 56:4,18 88:22 92:7,10 93:5

ones 10:5,7 12:24

online 17:2 90:24

**only** 13:6 54:2 79:12 84:4,11 104:11 105:25

onto 73:17 74:24 75:21 82:6

operation 94:18

operations 89:19 99:25

**opinion** 93:3,7

opposing 38:23 67:16

opposite 28:5

order 12:21,22 15:4 48:1 59:8

**ordinary** 31:17 49:13,25 54:6, 8 55:7 56:12 57:8 61:17 65:1,6 67:18 74:21,25 75:11,17 76:4 77:1,10,17,25 78:5 80:2,5,11, 21 82:15,16 89:12 91:21 92:6, 9 107:6

original 26:22

other 6:25 9:9 10:9 13:10 17:17 20:6,7 22:2 31:19 41:17 43:17 49:15 70:25 71:19,23 72:7 80:7 81:22 83:23 84:2 87:5,10,17 93:8 98:14 101:13 104:5,13 105:22

others 20:3

Otherwise 22:1

outdoor 104:11

outer 41:6 51:3,6 87:13,16,20

outlined 43:14

outside 49:16

over 14:13 18:21 84:1

overall 29:1 52:2,17 92:21

overload 14:21 89:11

Overrunning 16:9

overview 63:13

Р

**p.m.** 78:18,19 102:8,9 107:12

**pack** 8:9

**page** 6:8 9:1 16:21,24 17:5 39:21,25 40:1,10,12 56:23 75:4 84:7 86:23 88:11 89:16 91:7 92:4 95:5,19,25 96:19,22 97:1 99:22 100:3,10 102:18 103:2,10,21 105:16

pages 14:17 15:10 48:5 89:23

pair 83:16 84:9,23,24

paragraph 12:14,17 17:22,23 18:14,15,20 19:12 20:10,19, 22,25 23:4,5,7,14,19,22 24:2 25:25 27:9 29:14 31:23,25 32:5 35:5,6 36:9,12 37:3,19 38:17,22 41:13 42:12 43:7 44:5,11,12,24 48:11 49:1,3,4 52:23 53:1,10 56:24 57:7,19 58:1 59:10,16,19 60:8 62:6,11, 16,24 63:12,20 68:22,25 70:10,13 72:13,16,23 73:10,13 75:4 79:4,10 80:15 81:8 83:6, 11 84:14 85:20 86:2,5,14,18 87:23 92:15,18,24 93:11,21 94:4,8 95:14 96:10 98:23,25 100:9,13,23

**paragraphs** 53:3 63:14

paraphrasing 27:11

parents 106:16

**part** 7:4 12:22 15:2 27:15 31:16 54:15 55:1 74:17 93:1,9

**particular** 35:20 64:15 76:19 80:25 81:1 83:22 84:18 89:20 92:13 103:11

Job 29641

Index: old..Petition

particularly 69:13 73:21

parts 51:12 53:6

party 8:2

**Pass** 107:10

passed 40:2

patent 4:19 8:14,15,18,20,23 9:1 10:15,17 11:1,12 13:13,15, 24,25 14:1,3,9,10,12,14 15:16, 24 16:1 18:6 19:3,8 23:21 34:13 35:12 36:15 37:6 45:2 49:5,16,24 50:8,15 52:19 53:24 54:12 55:12,18 56:10 58:18 60:15 66:19,20 67:6 70:6,8,20 71:5,23 77:14 84:21 88:25 99:15

Patent's 57:11,16

patentees 64:14

patents 11:7 34:19 99:13 100:21

pawls 84:9,24 85:1

peak 87:12

pedaling 104:14

pedals 106:22,23

**people** 9:9 33:23 62:19,22 69:19 70:18 72:19,21 73:3,6 101:5

**people'** 62:22

per 5:18

perfect 96:2

perfectly 32:10

**permit** 84:11

**person** 31:17 49:13,25 55:7 56:12 57:8 61:16 65:1,5 67:18 74:21,25 75:11,17 76:4 77:1, 10,17,25 78:5 80:2,5,10,21,24 82:7,16 89:12 91:21 92:6,9 107:6

personal 90:19

perspective 50:19

**Petition** 38:9,11 39:3,4,8,21

Toll Free: 844.730.4066

40:1

Petitioner 38:5 72:10 **points** 40:20 **primary** 31:12,14,19 Petitioner's 71:21 102:14 **portion** 9:1 28:11 29:10 30:11 principle 91:1 92:25 104:24 31:8 35:20 36:17,18,24,25 PH.D. 4:4 principles 89:19 42:7 43:15 photocopy 86:23 prior 39:25 62:18 103:6 portions 33:24 34:2,7 35:16, phrase 45:12 106:12 23 37:4 42:23 priority 88:24 POSA 48:16 49:25 54:18 probably 6:24 8:24 17:15 physical 70:17 104:24 55:10 22:5 39:2 49:21 65:7,25 83:20 physically 43:4 62:21 72:20 91:5 position 29:8 31:7 32:9,24 pick 90:2,10 37:7 44:15 47:22 49:11,17,23 **problem** 74:1,12,15,20,23 picking 90:17 54:3,5 57:2 59:25 60:9 61:1,2, 75:12,14,16,20 76:19,20,25 9 64:18 69:7,21,22 72:19 77:2,16 79:18,20,25 80:3,14 piece 44:25 83:22 88:21 104:2 75:11 77:24 80:10 81:11,16 81:1 89:21,25 96:6 107:7 82:12,15 problems 77:12 **pinch** 21:21 22:5,7,13 25:2,4, positioned 44:17 45:9 46:8 proceed 102:4 5,21 48:18 50:3,10 51:14 60:2 pinched 22:14 proceeding 72:10 102:2 positioning 46:7,23 48:11 49:7 proceedings 71:1,3 pins 40:15 41:8 possibility 80:6 82:18 pivot 41:5,15 43:13,17 68:4 process 81:2 89:15 **Post-its** 16:16 pivotal 40:18 41:5 43:8,14 product 13:21 92:13,25 93:17 67:11 68:9 100:20 potential 74:12 81:13 82:13 90:2 103:25 products 90:3 **pivotally** 67:13,24 potentially 12:23 68:6 77:3 **place** 81:3 proffered 72:10 80:18 92:11 profile 32:3,16,21,25 33:25 places 84:3 power 14:17 104:12,16 34:3,21 36:18 37:5 60:24 planar 26:14,18 33:8 35:23 61:14 Powered 97:15,18 98:9 37:12,16 40:21 42:2,10 43:3 66:2,3 81:20 82:3 profiles 35:2 practically 73:2 **plane** 23:11,12 24:6,7,11 proposed 41:4 42:17,24 Precision 86:25 27:19,22,23 31:4 33:17,19 proposing 47:20 58:20 61:24 Preferably 67:4 36:7 40:22,23 79:13 **protective** 12:21,22 prepare 5:3,7 **planes** 24:6,18,20,25 25:6 26:11 28:15,16,24 29:11 **provide** 4:14 32:15,25 33:12, preparing 5:12,21 6:15,17,20 30:12,18,21,22 40:25 41:22 25 34:3 37:8,14 42:22 48:14 7:10 17:20 52:11 68:10 78:1 please 17:24 20:20 34:1 40:10 prescribed 66:15 43:23 52:24 59:11,20 63:16 provided 4:15 5:4 19:19,20 prescriptive 69:25 68:25 70:11 72:14 73:11 76:10 38.4 79:4 91:8 92:16 present 25:2,21 70:16 81:14, provides 67:12,13 77:24 19 82:9 plurality 33:12 44:9,16 45:9, providing 48:15 50:10 52:20 22 46:1,19 47:17,18,21,25 presented 103:6 48:8,13,17 50:2 55:23 56:5 pull 17:6 84:18 57:15 59:15 60:19 61:6 pressure 8:7 106:22,23 pulling 82:5 point 9:7 21:22 22:5,7,13,14 pretty 9:23 53:19 85:4 **purpose** 62:15 63:4,17 64:2 23:18 24:24 25:1,2,3,4,5,21 preventing 18:7 105:11 70:22 90:4 30:18 40:24 41:22 42:9,11 81:23 previous 47:19 pushed 22:4 pointed 31:11 79:24 price 99:12 **puts** 8:5

Job 29641

Index: Petitioner..puts

BLAIR, KIM 04/08/2024 Index: putting..results relation 4:14 67:15 **putting** 105:1 106:22 81:21 rearward 74:8 relationship 44:18 45:11 Q 46:9,25 48:12,19 49:12 50:4, reason 22:21 105:2,8 12 51:22 52:11,20 58:7,10,22 61:21 62:4 100:11 reasons 22:20 104:25 qualify 71:24 relative 22:22 41:23 61:3 recall 6:1,14 7:1 10:5 17:7,8, **auestion** 29:25 48:4 54:23 19,21 33:4,10 39:5,17,18 59:2 55:3 63:16 77:8 92:2 96:3 relevance 71:3 78:23 79:1,24 101:6,13 102:13 question's 21:11 103:14 relevant 88:24 questions 71:2,16 72:5 recess 43:24 78:18 102:8 **rely** 7:10 101:14 102:14 107:11 recognize 74:15 80:6,18,22 remember 7:22 9:10 17:10 quite 6:19 9:11 97:25 98:17 recoil 106:4,6 quote 23:20,22 49:7 62:19 remind 63:8 recollection 99:3 73:8 repeat 26:7 34:1 48:4 77:7 record 44:1 78:19 99:19 102:9 quoted 27:9 rephrase 77:10 rectangle 87:11 replace 36:17,24 85:24 R red 27:22 43:14 87:24 replacing 92:22 redactions 12:17 race 87:3 replication 86:12 redesign 66:1 races 87:4,8 report 5:5,6 10:1 38:17 63:24 redirect 101:23 102:2 rail 32:13 45:14,15,20,25 46:5, 64:17 6,16,18,20,23 47:9,10 54:15 refer 10:19 11:5,16 12:4 17:1 reportedly 105:19 55:2,21,22,24 56:16 57:24,25 21:21 40:19 60:20 61:7 reports 4:15 reference 10:19,20 11:6,17, rails 32:2,10,15,20,24,25 33:4, 23 12:5,7 14:6 17:2 21:3 23:24 represent 38:20 7,13 37:8,11 50:14 57:17 25:11 30:8 35:13 44:8 47:17 representative 19:24 60:25 61:9,15,19 49:6 50:10 53:20 55:4 56:4 60:16 63:25 66:18 69:7 70:3, represented 94:2 ratchet 83:16,19,21 84:5,10, 25 71:3,5,20,23 76:3,5,14,15 13,17,23 85:1,12,13,16 92:22 representing 5:9 80:13 83:9 85:25 86:11,22,24 93:4 88:8 90:17 92:22 94:9 95:14 represents 39:1 95:18 rationale 78:24 85:24 96:18,21 97:10 100:25 103:16 reproduced 23:5 29:18 38:9 105:21 re-ask 63:16 44:23 48:25 49:3 referenced 25:2 47:18 94:24 read 8:18,22 17:23 18:14 require 18:11 29:20 30:2 32:9, 96:9 99:20 20:22 32:5 35:6 36:12 44:12 13 44:16 47:21 53:1.3 56:24 58:1 59:22 62:11 references 5:5,22 7:12 33:10 requirements 15:3 63:23 68:25 70:13 72:16 73:13 49:15,22 64:13 72:8 86:18 77:2,11 79:6,22 81:8 83:11 requires 33:8 61:2 referencing 16:11 23:19 48:1 92:18 98:25 99:19 100:9 59:6 93:25 100:13 resilient 25:15 reading 54:7 56:13 61:16 67:4 referred 57:4 resistance 106:2 74:22 80:4 86:21 99:8 referring 105:14,20 resource 10:10 reality 79:19,21 80:1,14 90:5 Reflecting 59:1 respect 26:1,3 realize 56:13,15 refresh 99:3 rest 43:17 really 52:1 90:9 105:25

rear 22:22 23:13 40:21 41:1,3 42:2,7,23 45:16 47:11 51:18

52:3 73:17,23 74:24 79:12

regarding 46:7 79:10

31:18

related 13:14 15:23 17:18

Job 29641

restricts 84:4

results 18:7

retail 99:25

retirement 63:2 69:19

return 37:18

review 5:20,24 13:3 19:8 76:5

106:7

reviewed 5:4,6 12:25 13:6

17:15

reviewing 17:25 18:17 20:24 32:8 35:8 36:14 44:14 57:1 58:4 59:24 62:5,13 69:1 70:15 72:18 73:15 79:8 81:10 83:13

92:20 99:2

right 4:9,18 5:24 6:7,10,12,14 7:17 10:16,22,25 11:2,13,19 12:1,4 13:10 15:14 16:10,18 17:4 18:9,18 20:13,25 21:7 23:7,22,25 24:2 25:17,25 26:5, 21 27:21 28:20,23 29:9 30:21 31:25 33:20 35:5 39:16,19,24 40:5,17 41:11 42:12 44:15 45:1,4,7,23 46:16,20 47:16 48:10 49:23 50:23 51:13 54:25 57:19 59:13,19,22 62:11 67:17 70:2 72:16 75:24 79:9 82:1 85:1 86:2,8 89:12 91:6,10,13 94:18,22 95:4,13,22 96:24 97:5 98:2,22,25 102:14,19

rigidly 41:21 42:9

ring 51:2,3,6 87:20

**rings** 87:16

roll 84:1

roller 57:11 85:9

**rollers** 23:11,13 38:15,19 53:12,22 54:2,13 57:2,4,12

84:12

rolling 87:24 88:3,6 101:16,17

rolls 83:24

root 75:24 76:12,13,16

rotate 40:25 87:15,16,17

rotation 74:19 75:5 84:12

rotational 73:21 79:15

roughly 67:5

round 87:10

rounded 87:12

rowing 105:23 106:2,7 107:2,

runner 22:16 25:21,23 26:2,10 29:8,22 30:10,23 31:15 99:11

runner's 23:9 27:2,3 28:8 31:7

runners 26:15

running 18:8,23 19:2 20:16 22:25 24:21,23 27:1,6,24 28:5, 11,12,16,24 29:3,20,21 30:2, 19,24 31:3,8 33:6,12 34:22 35:2,14,23 36:6 37:8,12,14,16 45:11,13,16,17,18,24 46:8,10, 25 47:4,8,11,12 48:20 49:8 50:5 51:15,19,22 52:5,21 57:23,24 59:14 60:3,5,18,21, 22 61:5,12,13,17 72:24,25 73:18 74:16 80:17 81:20

**résumé** 13:20

S

**S-T-I-E-B-E-R** 16:8

**safety** 13:21 15:3 18:1,4,5 56:22 66:3 81:11,13,18 82:8, 13

said 30:8,10 33:5 42:24

sale 95:19 102:20

sales 99:16 101:10

**same** 21:17 34:6 42:2,3 54:4 56:11 62:24 66:13 70:21 75:3 77:5 104:24

**Samsara** 99:10,16,20,21 100:4,14,16

saw 80:25

**say** 23:3 24:17 25:9 26:2 37:3 38:7 43:1,10 45:8 46:23 47:16 49:9,10 51:24 53:11 54:5 55:13 64:22 69:17 76:9,23 77:18 81:24

**saying** 51:5,8 53:4 58:5 63:4, 17 66:10 68:9

**says** 17:4 36:22 38:1 40:5 51:11 53:19 60:7,17 61:4 67:3, 6,10 75:25 84:8 86:13,24 91:15 94:1 102:20

scanning 85:18

schematic 34:21 35:1

Schmidt 14:2

**Schonenberger** 14:4 70:2,5, 16,20,25 71:16 72:1,7

Job 29641

Index: retail..sense

**school** 106:15

**Sclater** 12:2,5,7 14:19 85:24 86:11,19,21 88:8

**scope** 65:24 70:23 98:3 99:23 100:6,17

**Scott** 9:11

**screen** 39:12,14 94:22 95:2, 24 96:5

**scroll** 39:16,19 42:12 45:24 95:21

seal 12:20

**second** 21:9,16 22:1,23 27:16,17,20 32:2 45:14,19 46:16,20,22 47:5,9 57:25 60:20,24 61:7,15

Secondary 93:14

**section** 7:13,15 20:13 25:10 27:9 30:9 40:4 47:16 63:24 68:23 89:10 93:2

sections 11:23 43:3 89:22

**secured** 84:9,24

**see** 6:7 8:25 9:7 16:23 20:10, 17 31:25 37:2 39:3,12,14,19 40:7,9 42:15 44:8 46:2 53:10, 16 57:22 59:13 62:7 73:24 74:22 79:16 83:8,14,17 84:21 85:18,23 86:4 88:1 91:10,13, 17 93:13,18,22 94:5 95:2,7,11, 22 96:8 97:5,13,16 98:22 101:1 102:19

seeing 105:21

seems 90:25

seen 89:3

**select** 90:15

selection 90:21 92:25

selling 96:13

**sells** 94:15

sense 18:3 59:18

Job 29641

Index: sentence..specification

**sentence** 37:2 53:10,18 61:11 73:16,24 74:5 79:9 80:15

sentences 47:19

separate 29:4 72:10 101:15

series 33:3

serious 66:1

**serve** 90:3

**served** 91:11,14

serving 92:5

setting 82:5

**shaft** 45:15,16 47:10,11 51:2, 18 52:3,11

**shape** 34:10 87:14,19

**share** 39:12 94:22

sharing 41:11

**shell** 87:14

**shoe** 27:3

**shoes** 27:4

**short** 33:6,13 34:8 43:24 63:21 78:18 79:23 102:8

**should** 24:17 54:18 72:9

**show** 27:5 39:9

**showed** 56:4 100:2

showing 42:17

**shown** 31:9 34:18 38:16 39:17,18 42:21 50:17,22 51:3 84:13 94:8 95:17 96:10,19,22, 25 97:11

**shows** 67:3

**side** 28:4,5,7,23 34:21 46:21 55:24 56:6 82:19 85:8,9 90:8 95:22 96:16

sides 35:1 67:16

signature 6:10

**signed** 12:22

significant 53:13

similar 104:11 105:24

similar-type 103:23

**similarly** 47:3 106:11

since 17:7 67:17 93:25

**single** 26:3 63:21 66:3

sit 33:14

sitting 65:17

ski 8:6,8,9

**skill** 10:2 31:17 49:13 50:1 54:6,8 55:7 56:13 57:8 61:17 65:1,6 67:18 74:21,25 75:12, 17 76:4 77:1,11,17,25 80:3,5, 11,21 82:16 89:12 91:21 92:7, 9 107:6

skills 78:5

skipping 62:23

**slanting** 23:11,12 24:7,11,12 27:19,22,23 28:15,16 29:5 40:22.23 43:10.12

**slide** 87:15

**slope** 82:2

slow 105:6

**small** 24:24 25:1,19 28:14 30:11,14,22 32:20,23,24 62:21 72:20 73:5

**smooth** 34:11

**so** 4:18,24 8:15 9:12 10:7,19 11:5 12:23,25 13:6,10 16:10 17:15 20:13 21:4 23:22 24:10, 20 25:5,9 26:13 27:10 28:10, 19,22 29:3,8,21 30:8 31:7 32:23 33:18 34:19 36:15 37:6 38:10 39:16,21,24 40:1,11,17, 24 41:4,12,24 42:5,12 43:4,9 44:7 45:7,12,18,24 46:2,5 47:7 48:3,10 49:4,11,23 50:25 51:4, 5,12 53:6,18,24 54:1,12,17,25 55:3,10,13,18,19,20 56:3 58:5 59:25 60:14 61:1,8,16 63:4,11, 25 64:11,18 65:15,22 66:7,10 67:17,24 68:9,12 69:2,7,13,15, 16 70:16 74:9,12,19 75:11,17 76:3,12,24 77:1,14,17,24 78:6, 11,15,23 79:9 80:2,10 81:25 82:8,22 84:18,20 85:7,12 86:20 87:7,9,15 88:6,12 89:12, 18 90:17 91:3,21 92:4,21 93:3 94:12,22 95:4,9,13,21 96:9,16 98:25 99:3,20 100:2,13,16,25 101:14 104:14,15,18 105:5,24 106:4

**socket** 83:21

**Socwell** 11:3,6,7 14:6 44:7 62:8 64:20,23 66:18,25 67:2,5, 17,23 68:13,16,21 69:5,16,24 72:25 74:2,3,6,10,13,14,18,22 75:1,2,4,13,15,19 77:2,3,5,11, 13,14,15,18,19,22,24 78:25

Socwell's 57:2 69:2 75:18

sold 99:22

**solution** 75:18 76:4,24 77:4,5, 12,25 78:2 80:14

solutions 76:6

**solve** 75:13 76:18 80:25 89:21 90:1

**solved** 75:15 77:3

**some** 6:24,25 7:23 10:2,9 12:19 16:11 19:15 38:24 44:17 45:10 46:9,24 48:18 50:3,11 51:25 52:4,7 58:6 60:4 66:5,7 87:23 89:17 91:22

somebody 90:8

someone 75:24

**something** 22:14 31:19 40:5 75:25 76:23 105:3,9 106:8,10, 18,19

somewhat 34:9 75:23 80:24

**sorry** 6:6 14:12 18:21 26:7 36:22 38:6 43:11 51:14 54:23 59:17 60:23 61:9 63:8 67:4 68:15 69:15 81:13 92:2 95:1 96:4

**sound** 78:16

**Sounds** 78:17

Sourcebook 11:24 15:10

**space** 21:7,14,19,21 22:8,10, 11,17 23:2,4 24:10,15 26:18, 23 28:14,23

**specific** 14:16 18:9,12 53:24 58:9 61:2,8,21,22 69:23 90:10 98:15

**specifically** 19:20,23 20:8 26:14 27:3 30:6 43:1 46:12 47:2 54:14 88:6 103:2

**specification** 14:25 44:21 48:23 51:10 55:16 56:15 64:25

77:23 79:23 85:18 **still** 29:4 37:7 42:6,21 43:5,17 22:1 27:1,2,10,13,14,16,17,20 96:13,16 98:18 106:20 28:5,12,17,24 29:20,21 30:3, specifications 89:23 19 31:4,5 33:6,8,12,17,18,25 **stop** 41:11 87:21 101:22 specificity 55:1,3 34:3,22 35:24 36:6 37:5,9,12, **straight** 32:10,15,20 33:4,7, 15 40:15,21,22 45:17 47:12 **speed** 105:7 13,23 36:3 37:7 38:2 60:22 61:13 66:3 67:9 72:24, 25 73:19 74:17 80:17 82:4,6 **spend** 5:12 stride 68:6 **surface'** 20:16 **spends** 31:12 strike 24:9 30:9 surfaces 21:8,15 26:14,19 spent 5:18 6:14 stroller 63:3 27:6,24 28:2 29:3 31:16 34:9 spherical 88:17,21 structural 52:2 35:3,14 37:17 42:2,10 66:2 81:20 **spoke** 14:19 20:4 31:14 structurally 52:6 57:14 **spot** 88:17 sworn 4:5 structure 54:16 60:3 system 22:10 52:2,17 53:14 sprag-type 86:9,20 88:22 struggling 76:22 77:15 91:4 92:23 93:3 **sub** 44:25 systems 8:4 53:23 89:17 **sprags** 51:3 86:25 87:4,8,9, subject 7:25 14,19 88:20 Т squarely 83:4 submitted 95:5 staff 90:24 subsection 15:10 take 43:21 66:2 101:20,21 standard 14:24 102:20 subset 14:17 102:3 106:23 start 4:18 14:13 18:21 38:21 substantially 67:8 taken 11:23 43:24 78:18 102:8 39:25 81:5 93:16 **such** 44:20 56:9 60:3,20 61:12 **taking** 51:25 started 63:11 62:20 65:21 72:20 81:18 88:22 talk 44:7 72:2 94:13 **starting** 13:12 35:19 45:5,12 talked 13:12 14:5,8,11 25:23 46:14 47:3 50:25 67:5 70:11 suddenly 104:18 54:17 80:24 98:19 89:22 sufficient 75:7 talking 10:1 28:20 31:13 starts 35:9 36:22 46:17 53:4 suggested 59:16 40:12 47:13 54:1,2 55:14,15, 81:2 20 60:14 78:23 82:16 suggests 23:1,3 state 72:23 74:4 80:15 82:1 talks 50:25 74:18 103:3 **suited** 66:11 stated 10:1 18:20 44:20.23 target 78:16 55:14 57:6 63:9 64:16 74:25 summarize 63:21 81:16 taught 28:25 73:9 75:15 Supplier 13:22 statement 74:4 teach 81:7 **support** 38:3,21,24 41:5,7,15, states 35:19 45:18 61:11 86:8 17,20 42:17,20,24 43:6,16,18 teaches 28:18 62:23,25 49:11 58:5,21,25 60:10 67:9 Stationary 15:1 teaching 80:16 68:10 90:7,24 91:1 **steel** 87:1 teachings 75:2 supported 45:13,19 47:4,8 **step** 30:11,14 79:12 82:18 49:10 57:24 tech 90:6.24 83:4 supporting 49:16 technical 90:13 stepped 80:8 **supports** 40:25 60:4 67:8 technology 8:3,4 stepping 82:6 sure 6:24 9:23 10:6 17:21 teeth 83:23 84:6 85:12,14,17 steps 73:17 74:23 75:21 41:18 43:22 48:3 63:17 84:18 tell 88:18 92:1 95:24 Stieber 16:7 tells 103:19 surface 18:24 19:2 21:9,16,25

Toll Free: 844.730.4066

Job 29641

Index: specifications..tells

**term** 18:1,5 22:7,9,12 27:1 33:15,20 47:20,25 48:7 49:11 50:9 52:13 58:5,20,25 59:14, 25 61:25 62:2 69:5,8

**terminology** 19:4 53:25 60:10

terms 18:18 54:10 102:20

test 15:3

testified 4:6 105:15

testimony 103:14

textbook 49:19

**than** 6:17 31:19 55:4 56:17 65:17 66:11 77:13 90:24 93:4 107:2

**thank** 15:20 16:18 40:9 44:4 60:17 78:22

**that** 4:13 5:4,15,17,19,22,25 6:1,10,24 8:2,3,4,7 9:8,12,18 10:2,4 11:3,16 12:2,19,23,25 13:3,6,8 14:10,19 15:11 16:13 17:1,6,9,10 18:4,7 19:11,16 20:3,6,17 21:5,8,15,21 22:19, 25 23:1,2,3,4,5,14,15,23,24 24:1,3,9,21,24 25:1,2,10,11, 19,20,21,23,24,25 26:3,6,7,9, 15,18 27:5 28:10,12,14,18,19, 23,25 29:8,10,12,20 30:8,9,10, 11,14,21,23,24 31:3,7,8,10,11, 12,14,15,25 32:9,24 33:1,10, 11,18,24 34:1,2,9 35:6,8,12, 14,21 36:3,6,12,15,16 37:7,22, 23 38:24 39:1,12,16 40:12,17, 20 41:4,7 42:5,9,10,17,18,24 43:2,13,19 44:12,15,16,23,25 45:8,18 46:2,7,8,12,13,17,22 47:7,16 48:16,25 49:3,11,14, 21 50:1,6,9 51:7,8,12 52:5,6,8, 12 53:16,18,21 54:3,7,16,18, 22 55:3,8,12,13 56:3,4,5,9,13, 15,16,21 57:2,22 58:5,7,9,10, 15 59:1,2,6,18,22,25 60:3,6, 10,16,17,21 61:1,4,8,12,16,17, 20 62:7,17,23,25 63:6,15,17, 22,23,25 64:5,6,16,18,22 65:2, 7,15,18 66:2,21 67:6,19,24 68:1,25 69:7,9,14,17,21,22 70:6,8,13,16,20,21,24 71:8,13, 15,19,24 72:2,5,6,9,16,19,23, 24 73:1,7,8,9,13,24 74:3,9,14, 16,19 75:3,11,13,15,20 76:6,7, 10,16,24 78:2,16 79:1,16,18, 24 80:2,10 81:11,16 82:1,7,17, 19 83:2,15,17,22 85:10,16,19 86:7,11 87:9,16,20,24 88:1,10, 17 89:9,23 90:3,6,8,18,20,25 91:3 92:2,4,10,18,23 93:1,18, 22,24 94:5,8,9,10,11,17,18,24 95:7,11,14,17,21 96:7,15,21 97:3,11,14,16,19,24 98:2,4,10, 19 100:2,3,4,13,14,20 101:1 102:24 103:6,7,11,14,16,17, 19,25 104:7,15 105:18,19,22, 25 106:8,10,11,15,21 107:2,4

that's 6:4 7:14 8:15,17 11:4 14:3,9,22 16:8 18:20 23:23 27:17 28:10,15 29:12,21 31:9, 18 35:8 47:13 52:13 53:8 55:5 56:18 60:7 64:7 66:15 70:19 72:2 74:17 75:23 80:6 81:1 82:25 83:1 85:13 86:4,22,23 89:10 90:17 91:5 94:7 96:1 100:3,9

**their** 7:1 29:9 57:12 64:25 89:14,24 90:3,9,11 95:18,19 96:15,19,22 97:1

**them** 7:23,24 16:15 21:18 34:19 57:9 67:25 68:2,13,16, 19 85:3 87:15 90:9,10 97:13

themselves 89:18

then 15:22 20:25 27:15 28:10 41:6,22 52:7 59:18 63:12 68:13 69:9,19 75:3 82:1,4,12 86:17 87:18 90:6 91:2 92:11 101:22 102:3 104:17,21

therapeutic 62:15 63:4,9,17, 22 64:2,19 65:16 66:11 68:10, 13,16 69:4,6,8,10,12,17,20 70:22 71:24

**therapy** 64:12,19 65:3,10,13, 20,23 66:15 67:20 68:19,20 69:5,8 70:18,19,21

there 6:2,24 7:25 9:9 12:17,24 19:16 20:6,7 21:24 23:21 24:6, 14 25:8 26:22 29:18 37:21 38:24 39:18 40:5 43:2,8,15 47:7 52:7 55:17 59:3 60:7 64:6 77:8 82:12,17,20 83:4 86:22 87:9 100:11 101:4,7 103:18 105:1,17 106:7

**there's** 17:8 20:3 45:7 71:23 76:20,23 83:21 89:16 97:14

therefore 29:3 43:9 57:9

Job 29641

Index: term..this

**thereof** 67:16

these 9:3,24 15:18 16:11,14, 17 19:18,21,24 21:1,2 27:7 28:15 29:20 30:2,15,22,24 34:18 35:13 37:24 41:5,6,8,15 42:20 43:16 53:22 67:17,23 84:5,13 85:1 88:12 89:17 90:14 91:22 92:7 94:7,16 101:15

**they** 10:4 19:19 22:1 24:15 27:8 31:3 34:8,19 37:14 41:22 42:9 43:4 52:13 63:5,19 65:2 67:19,25 68:9 75:18 76:20,22 80:22 81:1,4 83:16 85:3 86:18 87:19 89:14,18,19,21 90:5,6, 23,24 92:9,11,12

they'd 33:5 92:12

**they're** 13:7 27:4 31:2 43:2 51:9 52:12,17 55:14,15,16 57:3 68:9,11 88:10,16,19,20 89:21,25

they've 87:11 89:20

things 9:8 17:8 66:4 98:6

think 6:17 9:17 17:13 22:9 26:7 31:17 33:23 40:2,9 43:16 52:13 63:13,20 65:5,6 66:23 72:8 74:21 75:23 83:20 86:12 90:22 94:23 95:25 105:21

third 10:10 11:24 97:4

**this** 5:15 6:5,15 8:16,18 10:16, 19 11:5 12:4,8,20,23 13:15 14:5,6 15:6,13,23 16:12 17:4, 11,15,17,20 19:3 20:13 22:16, 17 24:14 25:1 26:10 32:23 34:5 36:18 37:3,6,24 38:10,12, 20 39:22 40:1,4,8,18,22 41:4, 12 47:22 48:2,11,25 49:3,4,6, 12,13,16,20 51:5,13,14 53:1,4, 13 54:7,19 55:19 56:13,19,21 58:21 60:9 63:20 67:19 69:3 70:5,19 71:2,4,5,6,7,20 72:1, 23 74:22 75:12 76:24 79:10,20 80:3,14 81:11,13 84:22 85:7,8, 12,23 86:9,12,20,21 87:7 88:19,24 89:10,13 90:1,3 91:7 92:4,13,22 93:1,9 94:22,23 95:4,9,17 96:9,10 97:5,11 99:3 101:15 102:2,18 103:7,21 105:16,19

9,13,16,19,20,21,24 77:2,7,8,

**those** 5:22 7:22 8:4 9:9 13:5 23:8 24:15,24 25:6 28:1 30:21 34:7 39:3 40:25 46:2 47:3 51:8 54:10 55:8 56:3 70:7 71:3 84:3 88:3,6,9,13 98:15 104:1

**though** 7:2 30:13 39:6 77:4

thought 59:16 75:17

three 5:16 34:19 70:7

**through** 16:10,14 34:16,25 35:13 39:17 41:8 48:5 49:5,20 52:6 53:20 54:7 56:13 59:1 90:2

tight 25:8,10,12

**time** 5:12 6:14 17:10 31:13 71:18 88:24

times 4:23 8:22

**today** 4:11,18 20:5 90:25

together 34:8 61:16

tool 90:1

tooth 83:22,25

**top** 7:1 8:25 9:16 10:10 28:10 32:3,16 40:3,12 60:21,23 61:13,14,18 68:2 75:4 86:22 87:12 91:10 94:18 98:17 102:19

topic 91:5

torque 14:21 87:2 89:11

**total** 5:17,19,20

**totally** 19:8 52:16 66:14

touch 28:18 30:23 31:15

toward 64:22,24

towards 73:23 81:21

**Trainer** 96:24,25 97:8,15,18, 21 98:8,13 100:3

Trainers 98:7

Training 15:2

trajectories 24:25

transcript 15:12,20,22

transcripts 15:19

transition 22:24

**transmission** 14:17 104:12

**transmitted** 52:6 87:2

transmitting 104:15

**tread** 21:9,15,16,25 22:1,23 27:10,16,17 40:15

treadmill 7:25 13:21 17:3,9 18:24 19:2 22:16 29:9 34:23 36:19 42:7,8,23 50:20 63:5,6, 18,19 64:1,19 65:2,9,15,19,21, 22 66:10,12 67:19 69:3,9,18 73:18,20 74:1,6,10,13,24 75:21 77:21 79:14 81:15,25 82:2,9,11,14,15,18,25 85:9 93:20,24 94:2 97:14,22 98:2 99:4,6,21 100:5 102:24 104:23 105:10 107:4

**treadmills** 9:7 14:25 15:2 16:4 19:16,25 20:7 35:3 64:12, 21 72:22 81:19 92:8 94:4,13 95:10,18 98:14 99:14 100:21

treads 22:23

trouble 77:8

true 53:5

**Trueform** 97:15,18,21 98:7,8, 12 99:4,6,11,21 100:3

**try** 41:19 71:17 75:13 78:1 87:17

**trying** 52:1 71:22 76:18 89:21, 25

turn 6:8 12:14 16:18,21 17:22 18:14 19:12 20:10,19 24:1 29:14 31:23 34:13,16 35:5 36:8 44:5,11 45:4 50:15 52:23 57:19 59:10,19 62:6 66:18 68:21 70:10 72:13 73:10 79:3 83:6,11 85:20 86:2 91:7 92:15 93:11.16 100:23

Turner 4:8 7:9 18:13 19:10 20:9 21:13,20 22:6 24:19 25:18 26:17,24 28:3,9 30:1,7, 20 31:6,22 32:14,22 33:9 34:12 36:1 37:1,13 38:18 39:11 44:2,22 46:15 47:6 48:24 51:20 52:9,18 54:11,24 56:8,20 57:18 58:13 60:13 63:10 64:10 65:8,14 66:9,17 68:8 70:24 71:6,11,22 72:5,11, 12 76:2,11 77:9 78:6,9,15,20 89:4 92:3 93:10 95:23 98:11

99:18 100:1,12,22 101:14,18, 21 102:3,13 103:10 107:11

Job 29641

Index: those..upper

**two** 21:1,2 23:8 24:6,15,18,25 25:6 26:14 29:4,7 30:12,17 31:16 37:16 40:25 41:20,22 42:10 43:3 47:3,19 55:8 66:2 87:16 98:6

**type** 18:9 46:9 50:11 58:6 61:20 68:12,15 69:3 70:19,21 88:12 93:5 103:7 105:14,18

types 55:9 70:1 104:6

typically 52:10

U

**U.S.** 8:14 10:15 11:1,12 15:25

**UM-NT-EN-02** 16:5

unanticipated 82:23

unclear 21:12

**uncoordinated** 62:20 72:19 73:4.7

**under** 12:20 20:13,25 68:22 84:14

**understand** 29:24 48:16 50:1 54:22 55:7,11 57:9 61:17 67:19 70:24 71:1,23 88:13

**understanding** 8:17 18:1,5, 18 22:12 26:25 33:15,20 88:12 89:25 100:4

understood 80:3

unexpected 19:1

unidirectional 75:1,9,10 83:15 84:11

**unintended** 18:8,19,25 19:4 73:20 79:15 81:12,14 82:8 83:2 105:11

unlike 62:17

unwanted 80:19,22

**up** 17:6 32:20 40:12 41:25 43:13 45:24 53:3 77:4,11 82:19 84:18 87:18 88:16 90:2, 6,18,20 91:10 96:24 101:25 105:5 106:1,21

**upper** 67:9

**upward** 24:7 27:19,22 28:15 79:12

**upwardly** 23:12 24:12 29:4 40:23 43:10

us 44:13

usage 50:8

**use** 63:5,19,23 64:8,23 65:2,7 66:8,11,16 67:19 68:10,13,16, 20 69:4,5,8,9,10,14,16 71:18, 24 72:21 73:3 83:20 89:13,18, 24 90:1

**used** 18:6 30:6 52:13 55:4 59:15 62:19 63:1 64:1,4 65:19 68:11 69:9,18,20 70:17,25 88:23

**useful** 91:2,3

**user** 16:4 68:1 73:17,22 74:23 75:20 79:11 82:16

**user's** 68:6 73:19 79:13

**users** 68:2 69:13,23 70:1 76:22

**uses** 19:3 55:1 63:5,18

**using** 22:16 29:8 65:9 69:11, 12 90:14

usually 33:22 76:18

utilization 103:12 104:4

**utilized** 102:24 103:23 104:5, 9,22

٧

**valley** 22:25

**Vance** 9:10

variation 17:3

various 5:23 51:12 64:14

verify 19:8

version 21:5 24:3 38:8,20

**very** 18:3 24:23,24 25:7,9 26:21 53:24 63:21 64:15 69:23 104:11

video's 96:4

view 34:21 50:19 71:16 88:20

**views** 35:1

vis-a-vis 71:5

visited 9:7 101:5

W

wait 15:14 88:18 101:24

**walked** 65:15

walking 69:2,3 70:18

want 13:20 22:16 25:21 39:2 40:3,7 43:21 53:6 66:3 71:15 78:7,9 101:15,19,22 104:12, 13,17 105:6,25 106:4

wanted 48:3

wants 25:23 26:2,10

was 4:5 7:25 8:3 9:10,11 10:1 14:19 23:14 25:25 26:23 31:12 38:7 43:19 55:3 58:15 59:3,7 63:20 64:15 69:11 74:3 75:18 82:1 90:22 91:2 92:2 95:4 98:19 100:13 101:7 103:6,13 105:14

**way** 29:13 51:11 64:4 74:3 76:24 88:15 93:8 96:1,4 101:13 104:12 105:24

ways 76:21

we'll 16:10 72:1 78:15 102:3

**we're** 4:18 28:20 44:7 45:21 47:13 60:14 93:1

We've 43:20

wearer 8:5

**web** 17:4 95:5,19 96:19,22 97:1 99:22 100:3

**Weber** 12:13 15:8 95:1 101:3,

**Weber's** 20:5 98:18 99:9 100:25

wedge 87:19

wedges 86:25

wedging 87:3,7

**weight** 52:4,5 60:5,9,10 73:19 79:13

weight-bearing 44:18 45:10

46:9,24 47:22 48:12,19 49:12 50:4,11 51:22 52:7,11,20 58:6, 9,21 61:21 62:3

Job 29641

Index: upward..where

Welcome 44:3 78:21

well 10:1 13:12 17:17 18:20 20:3 22:20 23:7 24:14,23 25:14,15 27:16 34:5 36:7 39:19 40:5 42:24 53:7,19 54:14 55:7 56:22 61:4,11 64:22 71:9 74:25 75:15 88:18 89:14 92:24 93:25 98:22 99:8 102:1.3

went 16:13 63:13

were 6:24 7:22 9:9 12:7,20,24 13:5 19:19 20:3 30:23 38:14 39:22 40:6 41:21 42:9 55:20 59:6 63:11 78:23 79:11 88:23 98:16 101:4 102:23,25 103:5, 22 105:7 106:7,16

weren't 43:4

what 5:20 7:10,22 8:13 10:14, 25 11:11,22 12:12 13:10 17:1, 4 18:1,5,18 21:1 22:12 26:8,25 27:21 33:15,20 34:18 37:2,21 38:19,23 39:1 40:17,18 41:18 43:19 46:3 50:17 51:8 53:18, 19 60:7 62:14 63:9,20 64:7 65:13 66:7,15 74:9 76:16 78:4 82:11 83:19 84:19 86:7 87:7, 13,18 88:8 89:7 90:5 92:1 97:18,19,24 98:4,15 99:3,6 100:8,10 103:19 105:5,13 106:14

**what's** 38:16,21 96:16,17 105:2.8

whatever 13:20 50:10 82:5

whatever's 82:5

**wheel** 57:11 84:1 85:8 106:21, 24

wheels 53:13,22 54:13 57:13

when 10:1 12:22 17:24 18:16 20:23 23:3 32:6 35:7 36:13 44:13 53:2 54:1 56:25 58:2 59:23 62:12 70:14 72:17 73:13,17 74:23 75:20 79:7 80:4 81:2,9,24 83:12 90:23 92:18 101:5 106:1,16

**where** 19:18 22:14 23:10,20 26:6,22 27:6 29:21 30:9 39:17,

18 40:6 53:11 56:21 63:5,9,19 82:3 83:14,21 89:14 90:25 91:10 94:9 98:12 104:4

**whereas** 64:19

whereby 68:6

wherein 45:16 47:11

wherever 104:16

whether 19:9 81:4 105:13

which 4:19 6:5 9:5 10:5.7 12:24 13:13,19 16:19 27:2,15 28:22 34:13 39:5 40:24 45:2,4, 22 46:17 50:23 54:9 66:20 67:12,13 70:3 71:13 79:23 84:14,17 93:24,25 94:10 99:12,16 103:3,11

**while** 8:9 9:11 17:7,19 30:24 68:3 101:7

**who** 5:7 6:20 7:3,6 9:24 63:5, 18 101:6

who's 10:16

whole 79:22 81:5

why 4:11,13 22:19 39:24 45:1 48:15 99:21

withdraw 103:17

within 17:13 103:13,18 105:17

without 10:9 51:25 54:6 66:12 69:25

witness 7:8 17:25 18:11,17 19:7 20:2,24 21:11,18,24 24:14 25:14 26:13,21 28:1,7 29:24 30:5,17 31:2,21 32:8,12, 18 33:3 34:5 35:8,18 36:14,21 37:11 38:14 43:23 44:14,20 46:12 47:2 48:22 51:17,24 52:16 54:5,22 56:12 57:1,6 58:4,12 59:24 62:13 63:8 64:4 65:5,12,25 66:14 67:22 69:1 70:15 72:18 73:15 75:23 76:9 77:7 78:4,13 79:8 81:10 83:13 89:2 92:1,20 93:7 95:21 98:4 99:2,8,24 100:7,18 102:6 107:10

won't 29:6

**Woodway** 5:9 15:5 16:2 17:18 19:19 94:2,15 95:5,10,18 96:13 97:15,18 98:2,9 99:16, 22 100:14,16,20 101:5,8,10

Woodway's 19:15,25 93:17 99:13,25 100:21

woodway.com/shop. 95:6

word 25:17 30:5 49:9 55:11 63:21 64:5 68:20 69:12

wording 61:22

words 87:10

work 4:17 6:20 7:3 86:20 89:18,19

worked 7:17 74:11

workout 68:7

works 105:25

**would** 5:19,22 21:7,14,21,24 22:2,5,16 24:10,21,23 25:1,2, 9,14,17,21 27:2,4,8,16,20 28:11 29:9 30:14,24 31:7,15, 18 32:18 33:18 38:10 39:16,24 40:3,20,24 41:5,7,15,23,25 42:1,2,3,5,10,21 43:5,13 45:4 48:15 49:13,20,21 50:1 51:24 52:7 54:8,19 55:7,10,13 56:3, 13,15 57:9 61:17 64:1,6,22 65:1,5,6,9,15,25 67:18,25 68:1 69:3,20 71:24 73:1 74:22,25 75:12,18 76:14 78:1,4,12 80:3, 5,6,8,11,22 81:1,4 82:7,12,17, 20.23 83:1.4 88:16 89:12.21 90:22 91:21 92:6,11,12 93:3 99:24 100:4,16,18,19 103:25 104:9,22 105:23 106:10,11,17, 19 107:3,6

wouldn't 7:1,23 10:5 12:24 19:23 34:10 41:25 77:18 82:22

wrench 83:21

Х

**XL** 94:13 95:14,17 96:9,10,14

Υ

**yeah** 6:19 21:11 35:18 39:18 40:12 49:22 63:15 80:5,15 81:16 90:22 91:15 93:1 94:17 96:1 97:2,7 102:17 103:25

**years** 101:6

**yes** 4:22 5:2 6:3,6,11,13 7:19

8:12,17,19,21 9:2,4,14,19,21 10:13,21,24 11:4,8,10,15,18, 21 12:3,6,11 13:2,9 15:14 16:20,22,25 19:17 20:18 22:18 23:16 26:21 27:19 28:1,13 32:4 35:10 36:4 39:15,23 41:10 42:16 43:7,23 44:10 45:3 46:4 49:2,14 50:7,16 53:17 55:13 56:2 57:25 58:8, 14 59:9 60:7 62:10 64:6 65:21 66:20 67:1 68:18 70:4,9,12 71:13 73:25 79:2 83:10,18 84:16 85:11 86:6 88:2 89:6 90:12,16 91:2,6,12,15,20 93:2, 15,19 94:6 95:12,16 97:9 98:21 99:5 100:15,18 101:2 102:15,22 103:15 104:3 106:13 107:5,9

Job 29641

Index: whereas..yourself

you'd 43:17 60:15 66:3 82:24

you'll 102:19

you're 4:11 5:15 8:9 11:5 17:24 18:16 20:23 22:24 32:1, 7 35:7 36:13 42:17 44:8.13 48:15 51:5 53:2 56:25 57:22 58:3,5 59:13,23 62:7,12 63:4 70:14 71:15 72:6,17 73:14 79:7 81:9 82:4 83:8,12,14 92:19,21 93:13 104:14,15 105:1 106:1,22

You've 90:20

young 69:18

**your** 5:3,8,13,21,25 6:10,20 7:6,10 8:11 10:12,22 11:9,19 12:10 13:7,8,11 16:14,19 17:16,22 18:1,5,15,18 19:12, 21 20:10,13,19 21:11 22:4,12 23:5,14,18,22 24:1,9 26:1,25 27:18 29:8,14,25 30:21 31:7, 23 32:5,9,24 33:11,15,20 37:7, 18,24 41:12,13 42:13,15,21 44:5,11,15,24 45:21 48:10 49:4,11,23 52:23 54:3 56:24 57:2,19 58:1 59:10,25 61:1 62:6 63:12,14 64:18 69:7,21 71:2,6,7,10 72:13,19 73:10,16 75:11 77:24 79:3 80:10 81:8, 11 83:6 84:14 85:20,23 87:22 88:12 90:13,17 92:15 93:3,11 94:20 95:13 96:18,25 97:10 98:12 99:3 100:4,23 103:6 104:19 105:6 106:7

yourself 17:23 18:15 20:22

<b></b>	-		
Z	-		
Ziebell 13:25			
<b>zoom</b> 95:25			

Toll Free: 844.730.4066

Job 29641

Index: Ziebell..zoom