

Deposition of  
**Philip G. Greenspun, Ph.D.**  
March 27, 2023

Samsung Electronics Co.

vs.

Memoryweb, LLC



Page 1

1 UNITED STATES PATENT AND TRADEMARK OFFICE  
 2 BEFORE THE PATENT TRIAL AND APPEAL BOARD  
 3 -----x  
 4 SAMSUNG ELECTRONICS CO., LTD., et al.,  
 5 Petitioner,  
 6 -against-  
 7 MEMORYWEB, LLC,  
 8 Patent Owner.  
 9 -----x

10 Inter Partes Review No. IPR2022-00221  
 11 U.S. Patent No. 10,423,658

12  
 13  
 14 STENOGRAPHIC DEPOSITION OF:  
 15 PHILIP G. GREENSPUN, Ph.D.  
 16 Monday, March 27, 2023  
 17 10:10 a.m. - 5:27 p.m.  
 18 Reported Remotely through Videoconference

19  
 20  
 21  
 22  
 23 Reported stenographically by:  
 24 Richard Germosen, FAPR, CA CSR No. 14391  
 25 RDR, CRR, CCR, CRCR, CSR-CA, NYACR, NYRCR  
 NCRA/NJ/NY/CA Certified Realtime Reporter  
 NCRA Realtime Systems Administrator  
 Job No. 10116373

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1 TELECONFERENCED STENOGRAPHIC DEPOSITION OF  
 2 PHILIP G. GREENSPUN, Ph.D., taken in the above-entitled  
 3 matter before RICHARD GERMOSEN, Fellow of the Academy of  
 4 Professional Reporters, Certified Court Reporter,  
 5 (License No. 30XI00184700), Certified Realtime Court  
 6 Reporter-NJ, (License No. 30XR00016800), California  
 7 Certified Shorthand Reporter, (License No. 14391),  
 8 NCRA/NY/CA Certified Realtime Reporter, NCRA Registered  
 9 Diplomate Reporter, New York Association Certified  
 10 Reporter, NCRA Realtime Systems Administrator, taken via  
 11 remote video teleconference on Monday, March 27, 2023,  
 12 commencing at 10:10 a.m.  
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Page 4

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I N D E X

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2	WITNESS		EXAMINATION
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8	Exhibit 1003	Greenspun declaration	11
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18	Exhibit 2025	Cambridge English Dictionary,	25
19		definition of responsive	
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4		November 16, 2022	
5		**original exhibits returned with original transcript	
		by APTUS COURT REPORTING to NIXON PEABODY LLP	
6		(exhibit index concluded)	
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15	Exhibit 2031	document entitled Declaration	121
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20		October 21, 2022	
21			
22	Exhibit 1041	document entitled Yee, et al.	135
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**PROCEEDINGS**  
 10:10 a.m.  
 -----

CERTIFIED STENOGRAPHER: On the stenographic record at 10:10 a.m. eastern. Good morning. My name is Rich Germosen. I am a certified stenographic reporter. My license is available for inspection. (Whereupon, the Certified Stenographic Reporter administered the oath to the witness.)

PHILIP G. GREENSPUN, Ph.D., having been first duly sworn or affirmed, was examined and testified as follows:  
 EXAMINATION BY ATTORNEY CHRISTOPHER:  
 BY ATTORNEY CHRISTOPHER:  
**Q. Good morning.**  
**Can you please state your name for the record.**  
 A. Sure. It's Philip Greenspun. That's Green S-P-U-N.  
**Q. Thank you.**  
**So while we're doing some**

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1 introductions, we haven't met before. My name is  
 2 Angelo Christopher. I represent patent owner and  
 3 I'll be taking today's deposition.  
 4 I know we just talked about this a  
 5 little bit off the record and I know you've been  
 6 through a number of these depositions, but just as a  
 7 reminder for our court reporter, please verbalize  
 8 your answers today to help the court reporter out.  
 9 Make sense?  
 10 A. Yes.  
 11 Q. Is there any reason why you cannot  
 12 give complete, truthful, and accurate testimony  
 13 today?  
 14 A. Well, like I said earlier, I've had a  
 15 headache from maybe some kind of flu, but I think  
 16 I'm okay. If I get totally fogged, I'll let you  
 17 know.  
 18 Q. Okay. Fair enough.  
 19 Did you do anything to prepare for  
 20 today's deposition, Dr. Greenspun?  
 21 A. Yes.  
 22 Q. And what did you do to prepare for  
 23 today's deposition?  
 24 A. I reread my second declaration in  
 25 this matter, dated February 14, 2023, and I printed

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1 out a clean copy of it, which I have here, and I  
 2 read some of the documents that are referenced from  
 3 this declaration, and I spoke with counsel as well.  
 4 Q. How long did you speak with counsel  
 5 in preparing for the deposition?  
 6 A. I would say approximately one hour.  
 7 Q. Okay. And who did you speak with on  
 8 that meeting?  
 9 A. Mr. Green, who is here on the Zoom,  
 10 and also Mr. In.  
 11 Q. Okay. I noticed you have a paper  
 12 printout of your second declaration, which for the  
 13 record is exhibit 1047. Does that paper copy have  
 14 any annotations, notes, anything like that on it?  
 15 A. No.  
 16 Q. Okay. If you'd like to refer to that  
 17 paper copy today during today's deposition, that's  
 18 fine with me. There is also, I believe, an  
 19 electronic copy in the exhibit share.  
 20 If you turn to the first page of your  
 21 second declaration, is that your signature there on  
 22 the first page?  
 23 A. Yes.  
 24 Q. Okay.  
 25 (Whereupon, Greensoun declaration. is

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1 received and marked as Exhibit 1003 for  
 2 Identification.)  
 3 BY ATTORNEY CHRISTOPHER:  
 4 Q. And just to make sure we're on the  
 5 same page on terminology, do you have a copy of  
 6 exhibit 1003 available to you?  
 7 A. Yes, I do.  
 8 Q. Okay. Let me know when you have that  
 9 opened up.  
 10 A. Yes, I have it open.  
 11 Q. And this was the first declaration  
 12 you executed relating to the '658 patent; correct?  
 13 A. Yes, I think so.  
 14 Q. And just to make sure we're on the  
 15 same page on terminology, it's okay with you if we  
 16 refer to exhibit 1003 as your first declaration and  
 17 exhibit 1047 as your second declaration?  
 18 A. Okay.  
 19 Q. That's -- okay.  
 20 Dr. Greenspun, did you prepare your  
 21 second declaration?  
 22 A. Yes.  
 23 Q. Okay. And how long did you spend  
 24 preparing your second declaration?  
 25 A. Well, I worked on it over a period of

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1 I think about a week. So several hours every day or  
 2 two over that week. So maybe a total of 10 hours.  
 3 Q. Okay. So your second declaration  
 4 doesn't include a list of materials considered. So  
 5 I'm curious what documents did you consider when you  
 6 prepared your second declaration?  
 7 A. I would say only those that are  
 8 referenced in the text of the declaration.  
 9 Q. Okay. So it's fair to say that you  
 10 at least considered the materials that you've cited  
 11 throughout the second declaration in forming these  
 12 opinions?  
 13 A. Yes, I think so.  
 14 Q. And then conversely, would it be fair  
 15 to say that to the -- and that a document is not  
 16 cited in your second declaration, that wasn't  
 17 something you considered in forming these opinions?  
 18 A. Yes, with the caveat that, you know,  
 19 I still considered the knowledge of a person of  
 20 ordinary skill at the time that the '658 patent was  
 21 filed.  
 22 Q. Okay.  
 23 (Whereupon, '658 patent, is received  
 24 and marked as Exhibit 1001 for Identification.)  
 25

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1 BY ATTORNEY CHRISTOPHER:  
 2 Q. Dr. Greenspun, do you have a copy of  
 3 exhibit 1001, the '658 patent available? If you  
 4 have a local copy without notes or the exhibit  
 5 share, whichever one you'd like to pull up.  
 6 A. Yes, I have the one. I just opened  
 7 the one from the exhibit share.  
 8 Q. Perfect.  
 9 And then can you scroll down to claim  
 10 five of the '658 patent. Let me know when you're  
 11 ready?  
 12 A. Okay.  
 13 Q. So claim five of the '658 patent  
 14 reads: The computer-implemented method of claim  
 15 one, wherein the plurality of selectable elements  
 16 further includes a people selectable element, the  
 17 method further comprising responsive to a click or  
 18 tap of the people selectable element, displaying a  
 19 people view.  
 20 Do you see that?  
 21 A. Yes, I see that.  
 22 Q. And your second declaration provides  
 23 your opinion regarding the meaning of the phrase  
 24 "responsive to" in claim five; correct?  
 25 A. What page or pages of the declaration

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1 are you talking about, if I may ask?  
 2 Q. In paragraph six of your second  
 3 declaration, you offer an opinion on the meaning of  
 4 responsive to a click or tap displaying; correct?  
 5 A. Oh, yes, I see that. I thought you  
 6 meant -- but it's not specific to claim five. That  
 7 covers a range of claims. I thought you were asking  
 8 about something specifically related to claim five.  
 9 Q. Got it.  
 10 (Whereupon, '228 patent, is received  
 11 and marked as Exhibit 2021 for Identification.)  
 12 BY ATTORNEY CHRISTOPHER:  
 13 Q. Do you have -- can you pull up a copy  
 14 of exhibit 2021 from the exhibit share, please?  
 15 A. Okay.  
 16 Q. And you recognize exhibit 2021 as a  
 17 copy of the '228 patent; correct?  
 18 A. Yes.  
 19 Q. And you've authored two declarations  
 20 concerning the '228 patent; correct?  
 21 A. I think so, yes.  
 22 Q. And can you turn to claim one of the  
 23 '228 patent, please.  
 24 A. Okay.  
 25 Q. I think you'll need to scroll down

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1 towards the end of the page, but there is a portion  
 2 of claim one that reads: Responsive to a second  
 3 input that is subsequent to the first input causing  
 4 a people view to be displayed on the interface.  
 5 Do you see that?  
 6 A. Yes.  
 7 Q. And in your prior declarations  
 8 concerning the '228 patent, you offered an opinion  
 9 on the meaning of the phrase "responsive to";  
 10 correct?  
 11 A. I'm not sure whether it was -- I know  
 12 it's been discussed in depositions. I think there's  
 13 been so many declarations in these matters, I can't  
 14 remember specifically which declarations contain the  
 15 discussion of the "responsive to" question.  
 16 Q. All right.  
 17 ATTORNEY CHRISTOPHER: I'm going to  
 18 share a new exhibit in the exhibit share. And this  
 19 is going to be exhibit 2029.  
 20 (Whereupon, document entitled Second  
 21 Declaration of Dr. Philip Greenspun, is received and  
 22 marked as Exhibit 2029 for Identification.)  
 23 ATTORNEY CHRISTOPHER: I don't think  
 24 we have that many, but I will give you the number.  
 25

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1 BY ATTORNEY CHRISTOPHER:  
 2 Q. Dr. Greenspun, let me know when you  
 3 have exhibit 2029 opened from the exhibit share.  
 4 A. Okay. Yeah, I see it's the second  
 5 declaration for '228, and that's what I would have  
 6 said. I was pretty sure that there was a discussion  
 7 of the "responsive to" question at least in that  
 8 one. I'm not sure that it's in the first  
 9 declaration regarding the '228 patent.  
 10 Q. If you go to paragraph seven of  
 11 exhibit 2029, you'll see it states: A POSITA would  
 12 have recognized that the term "responsive to" merely  
 13 requires a second event to happen subsequent to the  
 14 first event based on a combination of user  
 15 interaction and software implementation.  
 16 Do you see that?  
 17 A. Yes, I see that in paragraph seven.  
 18 Q. So my question is: Is your opinion  
 19 regarding the meaning of the phrase "responsive to"  
 20 with respect to the '658 patent different than your  
 21 opinion regarding the meaning of "responsive to" as  
 22 it relates to the '228 patent?  
 23 A. No, I don't think so.  
 24 Q. Can you turn back to your second  
 25 declaration in this proceeding. exhibit 1047.

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