

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLIED MATERIALS, INC., INTEL CORPORATION,  
and SAMSUNG ELECTRONICS CO., LTD.,  
Petitioner,

v.

DEMARAY LLC,  
Patent Owner.

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IPR2021-00103 (Patent 7,544,276 B2)<sup>1</sup>  
IPR2021-00104 (Patent 7,381,657 B2)

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Record of Oral Hearing  
Held Virtually: February 9, 2022

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Before CHRISTOPHER L. CRUMBLEY, KRISTINAM. KALAN, and  
KIMBERLY McGRAW, *Administrative Patent Judges*.

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<sup>1</sup> We exercise our discretion to issue one Order to be filed in each of the above-identified cases. The parties, are not authorized to use this style heading in any subsequent papers.

IPR2021-00103 (Patent 7,544,276 B2)

IPR2021-00104 (Patent 7,381,657 B2)

APPEARANCES:

ON BEHALF OF THE PETITIONER:

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The above-entitled matter came on for hearing on Wednesday, February 9, 2022, commencing at 1:33 p.m. EST, by video/by telephone.

IPR2021-00103 (Patent 7,544,276 B2)

IPR2021-00104 (Patent 7,381,657 B2)

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P R O C E E D I N G S

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JUDGE KALAN: Good afternoon, everybody. I'm Judge

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Kristina Kalan. On the panel with me today are Judge Kimberly

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McGraw and Judge Christopher Crumbley, and this is a final

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hearing by video in case numbers IPR2021-00103 and IPR2021-

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00104. Applied Materials, Inc., as Petitioner, Intel

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Corporation and Samsung Electronics Company Limited have been

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joined as Petitioners, versus Demaray, LLC as Patent Owner.

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The -00103 IPR concerns U.S. Patent number 7,544,276 B2. The -00104

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IPR concerns U.S. Patent number 7,381,657 B2. These cases are

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related but not consolidated.

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And at this time I would like counsel to introduce

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themselves and their colleagues for the record starting with

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counsel for Petitioner please.

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MR. PALYS: Good afternoon, Your Honor. This is

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Joseph Palys for Petitioner. I'm joined today with my

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colleague Naveen Modi.

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JUDGE KALAN: Thank you. Mr. Palys, will you be

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presenting all of Petitioner's arguments or will you be

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sharing that task?

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MR. PALYS: Mr. Modi and I will be splitting it up.

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I'll explain that more in the beginning, but essentially we'll

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be splitting the issues up between us. I'll start and then

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Mr. Modi will pickup where I left off.

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JUDGE KALAN: Thank you. And for Patent Owner?

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1 MR. WELLS: Yes, this is --

2 MS. ZHONG: This is Annita Zhong representing  
3 Patent Owner. Also on the line is Mr. Maclain Wells, and also  
4 listening in are Mr. Ben Hattenbach, Mr. Jeffrey Linxwiler,  
5 and Ms. Olivia Weber. We are all from Irell & Manella. And I  
6 also believe that the client representatives Scott Efron (ph),  
7 Brian Mascouche (ph), Erie Edwards (ph), and one of the  
8 inventors, Dr. Demaray, are listening as well. And today Mr.  
9 Maclain Wells and I will be splitting the presentation time.

10 JUDGE KALAN: Thank you. And this hearing is open  
11 to the public. A full transcript of the hearing will be made  
12 part of the record. All three of the judges have access to  
13 the complete record and the parties' demonstrative exhibits.  
14 When you are referring to a demonstrative exhibit, please  
15 state the slide or page number to which you are referring for  
16 the record. Also, please mute yourself when not speaking.  
17 And does either side have any questions before we begin  
18 arguments?

19 MS. ZHONG: Nothing from Patent Owner.

20 MR. PALYS: Nothing from Petitioner, Your Honor.

21 JUDGE KALAN: All right. And let me go into time.  
22 Each party has a total time of 60 minutes to present their  
23 arguments as we set forth in the hearing order. The parties  
24 may divide their total time for argument between the cases as  
25 they see fit but must make it clear for the record which case  
26 is under discussion at any given time. Petitioner bears the

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1 burden of proof that the patent claims at issue are  
2 unpatentable and will proceed first.

3 Mr. Palys, you have a total of 60 minutes and you  
4 may reserve some of that time for rebuttal. How much time  
5 would you like to reserve?

6 MR. PALYS: We'd like to shoot for 15 to 20 minutes  
7 in rebuttal depending on how -- you know, questions and how  
8 the hearing goes, Your Honor.

9 JUDGE KALAN: All right. I will try to remind you  
10 at 45 minutes.

11 MR. PALYS: Appreciate that.

12 JUDGE KALAN: And Patent Owner, I will ask you when  
13 it's time for you to start what you would like to reserve  
14 after you've had a chance to hear what Petitioner has to say.  
15 So at this time you've reserved about 15 to 20 minutes for  
16 rebuttal and I will let you begin when you are ready.

17 MR. PALYS: Thank you, Your Honor. May it please  
18 the board. I assume Your Honors have our demonstratives in  
19 front of you, so if you could please pull up the Petitioner's  
20 demonstratives and let's start at slide 2. And I'd like to  
21 start today by providing a brief roadmap of the issues that  
22 we're going to attempt to address today with the understanding  
23 that we realize we're probably not going to be able to get  
24 through all the details given the time constraints but we  
25 think it's a good idea just -- let's just set out what we're  
26 attempting to do here.

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