

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SAMSUNG ELECTRONICS CO., LTD.,  
SAMSUNG ELECTRONICS AMERICA, INC.,  
Petitioner,

v.

NANOCO TECHNOLOGIES LTD.,  
Patent Owner.

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IPR2021-00182 (Patent 9,680,068 B2)  
IPR2021-00183 (Patent 7,588,828 B2)  
IPR2021-00184 (Patent 7,803,423 B2)  
IPR2021-00185 (Patent 7,867,557 B2)  
IPR2021-00186 (Patent 8,524,365 B2)

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Record of Oral Hearing  
Held Virtually: Wednesday, February 23, 2022

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Before ERIC A. FRANKLIN, GRACE KARAFFA OBERMANN, and  
CHRISTOPHER M. KAISER, *Administrative Patent Judges*.

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IPR2021-00186 (Patent 8,524,365 B2)

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The above-entitled matter came on for hearing on Wednesday, February 23, 2022, commencing at 1:00 p.m. EST, by video/by telephone.

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1 PROCEEDINGS

2 COURT REPORTER: And get them, and there is a public  
3 line and a form of live stream today. Once I connect the  
4 counsel, and say that all parties are connected, I will need  
5 just about a minute to get the public line started, and I  
6 will say it is connected when it's done.

7 And when I finish the -- when I merge the video from  
8 the breakout rooms, there is a tendency to -- for -- for the  
9 system to mute your mics. Just make sure that it is unmuted  
10 again, just in case, whoever -- whoever's speaking.

11 Thank you. Give me just a minute. I'll be back. All  
12 right. All parties are connected. I'll need one minute for  
13 the public line to start. One second. And live stream is  
14 connected. You may -- you may begin.

15 JUDGE KAISER: All right. Good afternoon, everybody.  
16 Thanks to everybody for being here. This is a hearing in IPR  
17 2021-00182, 183, 184, 185, and 186, all of which are  
18 captioned Samsung Electronics Company Limited versus Nanoco  
19 Technologies Limited.

20 I'm Judge Kaiser and the other members of the panel  
21 here with me are Judges Franklin and Obermann. Before we get  
22 started, can we do a roll call of the other people here,  
23 starting first with Petitioner?

24 MR. AROVAS: Yes, Your Honor. You know, good

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1 afternoon to everybody. You -- you have on the line from  
2 Kirkland & Ellis for the Petitioner, Greg Arovas and  
3 Christopher Mizzo. We'll both be splitting up to the various  
4 patents.

5 And then also on the line from Samsung, we have Mr.  
6 Tim Jezek, Mr. Dan Girdwood. Also joining us from Korea,  
7 Mr. Justin Choi, and Mr. Il-sung Tuk [ph].

8 JUDGE KAISER: Okay.

9 MR. AROVAS: And that's everybody, Your Honor.

10 JUDGE KAISER: All right. Thank you. Anybody here on  
11 behalf of the Patent Owner?

12 MR. MEUNIER: Yes, Your Honor. This is Bill Meunier  
13 from Mintz, here on behalf of the Patent Owner. With me are  
14 my partners, Matt Galica and Michael Newman. Mr. Galica will  
15 be handling the argument for the 182 IPR, which I believe  
16 we're starting with first.

17 And Mr. Newman will be taking the second session.  
18 Also with us is -- on the line is Jim Doyle, who's helping us  
19 out with the presentation today.

20 JUDGE KAISER: Okay. Thank you very much.

21 MR. MEUNIER: Thank you.

22 JUDGE KAISER: All right. So the way we set this up  
23 in the hearing order, just to refresh everyone's memory, is  
24 that first we'll talk about case number 182. We've got 60

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1 minutes total for that discussion, with each side having 30  
2 minutes.

3 That discussion will start with Petitioner's  
4 presentation, continue with Patent Owner's presentation, and  
5 then each party can reserve time out of that 30 minutes for  
6 its rebuttal, and we'll have the rebuttals after the opening  
7 presentations, again with Petitioner going first, and then  
8 concluding with Patent Owner.

9 And after we've finished with the 182 case, we'll  
10 move on to the discussion of the other cases. That discussion  
11 has 120 minutes with each side having 60 minutes total, and  
12 we'll split that up the same way.

13 Before we go any further, let me make sure I didn't  
14 get any of that wrong or -- and there are no objections to  
15 proceeding in that fashion. Petitioner, is that okay?

16 MR. AROVAS: Yes. It is. That's our understanding.

17 JUDGE KAISER: Okay. And then Patent Owner?

18 MR. MEUNIER: Yes. No objection.

19 JUDGE KAISER: Okay. All right. And then just a few  
20 last reminders before we begin. First, neither party has said  
21 that there's any confidential information that's going to be  
22 discussed today.

23 My understanding is that we have someone calling in  
24 on the public line, so please keep that in mind before you

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