

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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INTEL CORPORATION, LLC,  
Petitioner,

v.

QUALCOMM INCORPORATED,  
Patent Owner.

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Case IPR2018-01152 (Patent 8,698,558 B2)  
Case IPR2018-01153 (Patent 8,698,558 B2)  
Case IPR2018-01154 (Patent 8,698,558 B2)  
Case IPR2018-01240 (Patent 8,698,558 B2)

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Record of Oral Hearing  
Held: October 28, 2019

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Before TREVOR M. JEFFERSON, DANIEL N. FISHMAN, and  
SCOTT B. HOWARD, *Administrative Patent Judges*.

IPR2018-01152, IPR2018-01153,  
IPR2018-01154, IPR2018-01240  
Patent 8,698,558 B2

APPEARANCES:

ON BEHALF OF THE PETITIONER:

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The above-entitled matter came on for hearing on Monday, October 28, 2019, commencing at 1:00 p.m., at the U.S. Patent and Trademark Office, 600 Dulany Street, Alexandria, Virginia.

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1 PROCEEDINGS

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3 JUDGE JEFFERSON: Good afternoon. This is a Trial and Hearing  
4 for Case Numbers IPR 2018-01152, 2018-01153, 2018-01154 and finally  
5 2018-01240, for Patent Number 8,698,558. Intel Corporation is the  
6 Petitioner, and the Patent Owner is Qualcomm Incorporated.

7 I'm Judge Jefferson, and with me remotely are Judges Fishman and  
8 Howard. At this time we'll start with Counsel introductions, and please  
9 introduce anyone in the gallery or at the Counsel's table. Please step to the  
10 microphone just so we make sure we get everything recorded.

11 MR. DOWD: Thank you, Your Honor. I'm Jim Dowd, on behalf of  
12 Intel, and I'm from Wilmer-Hale. With me today live are Richard  
13 Goldenberg, and Dave Cavanaugh in the gallery, and I believe Brad Waugh,  
14 who is General Counsel at Intel, has dialed in.

15 JUDGE JEFFERSON: Okay. And for Qualcomm?

16 MR. SAUER: Hi, Your Honor. Joe Sauer for Patent Owner,  
17 Qualcomm, and with me at counsel table is my colleague Dave Cochran, and  
18 we have Alan Heaton helping us with the slides, and we have a number of  
19 representatives from Qualcomm in the gallery today too.

20 JUDGE JEFFERSON: Welcome.

21 MR. SAUER: If I may approach so you have a copy of our slides.

22 JUDGE JEFFERSON: Certainly. Make sure that you have a copy for  
23 the Court Reporter. Before we begin I'll just remind the parties that the  
24 hearing is open to the public and a full transcript will be made part of the  
25 record. As you know in our trial order, each side has 90 minutes, the party

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1 bearing the burden of proof can have a rebuttal, as well as in our rules now,  
2 the Patent Owner. Please let us know before you begin how much time  
3 you'd like to reserve of your 90 minutes.

4 And for clarity of the transcript, and for the benefit of our Judges who  
5 are appearing remotely, we have your slides that you've sent to us earlier,  
6 please refer to any exhibit number, or page number, slide or citation. It  
7 makes it easier for the record, as well for our Judges to follow along.

8 We are in a public hearing and obviously there are no objections, and  
9 if there any issues you have you can bring them up, or certainly answer any  
10 questions that we might pose to you on rebuttal.

11 Petitioner, you may begin. And how much time would you like to  
12 reserve for rebuttal?

13 MR. DOWD: Thank you, Your Honor. We were planning to reserve  
14 15 minutes for rebuttal.

15 JUDGE JEFFERSON: Fifteen minutes. Okay. I will do my best to  
16 run the time clock, and I keep time myself, so I will let you know if things  
17 get a little off, how much you have left.

18 MR. DOWD: And, Your Honor, one thing just to note at the outset,  
19 and I'll talk about this in a moment, but the claims divide into two groups,  
20 one our linear amplifier set of claims, and then the other is a switcher set of  
21 claims.

22 JUDGE JEFFERSON: Mm-hmm.

23 MR. DOWD: My plan is to address the linear amplifier set, and Mr.  
24 Goldenberg is going to address the switcher set, if that's permissible.

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1 JUDGE JEFFERSON: Okay. It's up to you to decide how you divide  
2 up that time.

3 MR. DOWD: Thank you. Thank you, Your Honor.

4 JUDGE JEFFERSON: And I think if we can make sure that all our  
5 parties can hear, our Judges, this audio, is everything okay?

6 JUDGE HOWARD: This is Judge Howard, I can hear fine.

7 JUDGE FISHMAN: I'm Judge Fishman, and I can hear fine too. It's  
8 just the fact as I've mentioned, I'm having some microphone issues from  
9 time to time, so let me know if my line is breaking up on your end.

10 JUDGE JEFFERSON: I think it's already starting to show the same  
11 clipping -- the clipping that we have. We will do our best to go slowly, and  
12 potentially I'll relay questions if Judge Fishman has an issue. We are also  
13 getting some feedback, some echoing going on I think. Judge Howard, I  
14 think if you turn off your mic.

15 JUDGE HOWARD: Yes, I just muted it.

16 JUDGE JEFFERSON: There you go. All right, with that in mind,  
17 you may begin when you're ready. I've put the full time up, and if there's a -  
18 - the warning will go off in 20 minutes and you -- at 20 minutes to spare,  
19 and giving you five minutes to wrap up.

20 MR. DOWD: Thank you.

21 JUDGE JEFFERSON: Okay?

22 MR. DOWD: Perfect.

23 JUDGE JEFFERSON: You may begin when you're ready.

24 MR. DOWD: May I proceed?

25 JUDGE JEFFERSON: Yes.

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