

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

POWER INTEGRATIONS, INC.,
Petitioner,

v.

SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC,
Patent Owner.

Case IPR2017-01328
Patent 6,845,019 B2

Record of Oral Hearing
Held: July 19, 2018

Before BRIAN J. MCNAMARA, JOHN F. HORVATH, and KAMRAN
JIVANI, *Administrative Patent Judges*.

Case IPR2017-01328
Patent 6,845,019 B2

APPEARANCES:

ON BEHALF OF THE PETITIONER:

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ON BEHALF OF THE PATENT OWNER:

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and

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The above-entitled matter came on for hearing on Thursday, July 19, 2018, commencing at 1:00 p.m., at the U.S. Patent and Trademark Office, 600 Dulany Street, Alexandria, Virginia.

P R O C E E D I N G S

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2 JUDGE MCNAMARA: Please be seated.

3 Good afternoon, everyone. We have oral hearings in three cases
4 scheduled this afternoon, IPR2017-01328, 01329, and 01453. We're going
5 to do these cases in sequence. We'll start with 01328. Then we will move
6 on to 01453, because I believe the reference is common to those two. And
7 the last one we will do, then, will be 2017-01329.

8 Beginning with the -- oh, a couple of things at the very beginning I
9 want to mention. We have Judge Jivani and Judge Horvath participating
10 remotely, and so, therefore, I would ask everyone to speak clearly from the
11 podium and into the microphones so that they can hear you, and identify any
12 demonstrative by number that you are referring to at any point in time so
13 that they can pull it up on their screens and will have that available to them
14 as well.

15 Let's see. Beginning with the Petitioner, could you please
16 approach the podium and identify who you -- and enter your appearance, let
17 us know who's here.

18 MR. WARREN: Your Honor, Neil Warren for the Petitioner,
19 Power Integrations.

20 JUDGE MCNAMARA: Mr. Warren, are you going to be arguing
21 all three cases?

22 MR. WARREN: Yes, Your Honor, I will be.

23 JUDGE MCNAMARA: Okay, great. Thank you.

24 And for Patent Owner?

1 MR. FULGHUM: Good afternoon. Roger Fulghum, lead counsel
2 for Patent Owner. For the 01328 case, that case will be argued by Brian
3 Oaks, and for the 01329 and 01453 case, that case will be argued by
4 Nicholas Schuneman. Also with us today is IP counsel for ON
5 Semiconductor, Josh Engel, and our legal intern, Leonard Cortelli.

6 JUDGE MCNAMARA: Okay. While you're here, let me ask you
7 one other question in terms of procedure today. I believe the Patent Owner
8 has a motion to exclude in each of the cases, and it's essentially the same
9 motion. Are you planning to present oral argument on the motion to exclude
10 today?

11 MR. FULGHUM: We were not planning to do so.

12 JUDGE MCNAMARA: Okay, great. Then that will at least cut
13 off a little bit of the extra jumping up and down, having everybody address
14 those questions. All right, thank you very much.

15 MR. FULGHUM: Thank you, Your Honor.

16 JUDGE JIVANI: Lead counsel, just to follow up on that, you
17 recognize this is your only opportunity to present that argument if you
18 wanted to, correct?

19 MR. SCHUNEMAN: We do appreciate that, and notwithstanding
20 that, we will not plan to present argument today.

21 JUDGE JIVANI: Great, thank you.

22 JUDGE MCNAMARA: All right. If everyone is ready to begin,
23 welcome to the Patent Trial and Appeal Board, and we will begin with
24 Petitioner in case 1328. In each case we have allocated 45 minutes per side,
25 so is there some amount of time you would like to reserve for rebuttal?

1 MR. WARREN: Yes, Your Honor. I would like to reserve 15
2 minutes for rebuttal.

3 JUDGE MCNAMARA: All right. So what I will is just put this
4 up on the screen, and it will alert you when you have used up 30 minutes.

5 MR. WARREN: I appreciate that.

6 JUDGE MCNAMARA: All right. Please proceed.

7 MR. WARREN: Thank you, Your Honor. Neil Warren for the
8 Petitioner.

9 As you know, this matter deals with the '019 patent, and in this
10 matter, we have a motion to amend that's been presented by the Patent
11 Owner, so the two claims that are at issue are claims 16 and 17 from the
12 motion to amend, and, Mr. Sayres, if we can go ahead and go to slide
13 number 2.

14 In the Demonstrative Number 2, we see the front cover and the
15 first figure from -- or primary figure from the '019 patent. The '019 patent
16 refers to a switching power supply. On the far right side of this figure, you
17 see something indicated as the load. The load is something like a laptop
18 computer that's connected to a wall through a power supply, and in this
19 patent, the invention, what it really relates to is something that in the field
20 we call cable compensation.

21 So, you know, the length of the actual cable that comes out of your
22 power supply can vary by manufacturer, so different manufacturers may use
23 the same controller chip, but they may have different lengths of cables that
24 they want to use. And as we know, a cable, even though it's copper wire,
25 has a very small amount of resistance, so proportional to the current, you're

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