## UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CISCO SYSTEMS, INC., Petitioner,

v.

CENTRIPETAL NETWORKS, INC., Patent Owner.

Case IPR 2018-01513 Patent 9,560,077 B2

RECORD OF ORAL HEARING Held: January 9, 2020

Before J. JOHN LEE, BRIAN J. MCNAMARA, and JOHN P. PINKERTON, *Administrative Patent Judges*.



### **APPEARANCES:**

### ON BEHALF OF THE PETITIONER:

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## ON BEHALF OF THE PATENT OWNER:

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The above-entitled matter came on for hearing on Thursday, January 9, 2020, commencing at 10:02 a.m., at the U.S. Patent and Trademark Office, 600 Dulany Street, Alexandria, Virginia.



## Case IPR 2018-01513 Patent 9,560,077 B2

| 1  | PROCEEDINGS   |
|----|---|
| 2  |   |
| 3  | MR. EASTON: All rise.   |
| 4  | JUDGE LEE: Good morning. Take your seats. Give us a moment to               |
| 5  | power up and all of that. You know, I don't see Judge Pinkerton. I think    |
| 6  | Judge Pinkerton's been delayed for a couple of minutes, so let's give him a |
| 7  | moment here. There he is. Judge Pinkerton, can you hear us okay?            |
| 8  | JUDGE PINKERTON: I can.   |
| 9  | JUDGE LEE: Fantastic.   |
| 10 | JUDGE PINKERTON: Can you hear me?   |
| 11 | JUDGE LEE: Yes, we can.   |
| 12 | JUDGE PINKERTON: Okay. Good morning.  |
| 13 | JUDGE LEE: All right; I think we can begin. This is the oral hearing        |
| 14 | for IPR2018-01513, Cisco Systems, Inc. v. Centripetal Networks, Inc.,       |
| 15 | concerning U.S. Patent No. 9,560,077. We'll start with appearances by       |
| 16 | Counsel. Petitioner?  |
| 17 | MR. MCDONALD: Good morning, Your Honors. This is Daniel                     |
| 18 | McDonald. I'll be arguing today; with me is Jeffrey Blake.                  |
| 19 | JUDGE LEE: Good morning.  |
| 20 | MR. PRICE: Good morning, Your Honor. Jeffrey Price; I will be               |
| 21 | arguing for the Patent Owner, and with me is Jeffrey Eng.                   |
| 22 | JUDGE LEE: Thank you. Just a few reminders before we start. Of              |
| 23 | course, Judge Pinkerton is attending remotely, so please make sure to speak |
| 24 | into the microphone at the lectern to make sure he can hear you. And to the |
| 25 | extent that you use visual aids, other than the demonstratives, please make |
| 26 | sure to identify what you're talking about to make sure that he has the     |
| 27 | materials, he can follow along with you. Even with the demonstratives, we   |



- 1 would appreciate it for clarity of the record if you could identify the slide
- 2 number or page number so that we can all follow along. So with that, unless
- 3 there are any preliminary matters anyone wants to raise, Mr. McDonald, you
- 4 can proceed when you're ready.
- 5 MR. MCDONALD: Thank you, Judge Lee. Good morning, Judge
- 6 McNamara and Judge Pinkerton. I've got three copies of our demonstrative
- 7 exhibits. Would you like me to hand those out?
- 8 JUDGE LEE: Have you provided one to the court reporter?
- 9 MR. MCDONALD: No, I have not.
- JUDGE LEE: I would ask that you'd provide one to the court
- 11 reporter. I, personally, don't need a copy.
- MR. MCDONALD: I'll comply with that. Thank you.
- JUDGE LEE: Thank you.
- 14 JUDGE PINKERTON: Judge Lee, I'm not sure his microphone is on.
- JUDGE LEE: Can you make sure your microphone light is on.
- MR. MCDONALD: I didn't see a light.
- JUDGE PINKERTON: Because I can't hear him either.
- MR. MCDONALD: How's that? Is that better?
- 19 JUDGE PINKERTON: Much better. Thank you very much.
- JUDGE LEE: And also, Mr. McDonald, before we proceed, are you
- 21 going to be reserving time for rebuttal?
- MR. MCDONALD: Ten minutes, please. Our understanding is we've
- 23 got 45, total, is that right?
- JUDGE LEE: That's right. Both sides have 45 minutes of total
- argument time.
- MR. MCDONALD: All right; thank you. So I'll be referring to the
- 27 Petitioner's slides, and then for the actual exhibits, the evidence, I'll refer to



- 1 Exhibit 1001, which is the '077 Patent; Exhibit 1008, which is the -- I'll call
- 2 it the Jungck reference at the risk of self-deprivation, we'll pronounce the J;
- and some reference to the Rogers declaration, Exhibit 2016, as well. Those
- 4 will be the ones we'll be putting up on the screen anyway.
- 5 So here we have, with the '077 Patent, a little different claiming than
- 6 in some of the other ones we've been talking about over the last few weeks.
- 7 So we'll put up slide 1 which is the first several elements of claim 1 of the
- 8 '077. That claim, everyone has agreed, is representative here. There's a
- 9 claims 1, 7, and 13 that are all independent but are different forms of,
- 10 essentially, the same substantive claim elements. And so we'll be talking, as
- 11 did the briefing, primarily, about claim 1 today.
- So here we've got a method about provisioning each of a plurality of
- devices with one or more rules generated based on a boundary, basically,
- between networks. I'll talk about the details more a little later; but, certainly,
- 15 the rules generated based on a boundary is an issue either we maybe have
- 16 not talked about as much in some of the other matters. Also, this indicates
- 17 that the devices configured to be located at that boundary area, essentially.
- And then the configuring step, each device receives packets via a
- 19 communication interface on the device that does not have a network layer
- address; and this one also has a provision that's responsive to a
- 21 determination drop. The packets, which is something we've talked about a
- fair amount in the other matters; and then if we go to slide 5, which has the
- 23 final element of this claim, this is the modifying a switching matrix of a
- 24 Local Area Network switch associated with the device that's configured to
- drop the portion of the packets there indicated that should be dropped which,
- again, dropping packets we've talked about before but not in the context of



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