

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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CANON, INC., CANON U.S.A., INC., CANON FINANCIAL SERVICES, INC., FUJIFILM CORPORATION, FUJIFILM HOLDINGS AMERICA CORPORATION, FUJIFILM NORTH AMERICA CORPORATION, JVC KENWOOD CORPORATION, JVC KENWOOD USA CORPORATION, NIKON CORPORATION, NIKON INC., OLYMPUS CORPORATION, OLYMPUS AMERICA INC., PANASONIC CORPORATION, PANASONIC CORPORATION OF NORTH AMERICA, SAMSUNG ELECTRONICS CO., LTD., AND SAMSUNG ELECTRONICS AMERICA, INC.,  
PETITIONER,

V.

PAPST LICENSING GMBH & CO. KG,  
PATENT OWNER.

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Case IPR2016-01211 (Patent 8,504,746)  
Case IPR2016-01212 (Patent 8,966,144)  
Case IPR2016-01216 (Patent 8,966,144)  
Case IPR2016-01225 (Patent 8,966,144)

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Record of Oral Hearing  
September 13, 2017

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Before JONI Y. CHANG, JENNIFER S. BISK, and MIRIAM L. QUINN,  
*Administrative Patent Judges.*

Case IPR2016-01211 (Patent 8,504,746)  
Case IPR2016-01212 (Patent 8,966,144)  
Case IPR2016-01216 (Patent 8,966,144)  
Case IPR2016-01225 (Patent 8,966,144)

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The above-entitled matter came on for hearing on September 13, 2017, commencing at 12:14 p.m. at the U.S. Patent and Trademark Office, 600 Dulany Street, Alexandria, Virginia in Courtroom A.

Case IPR2016-01211 (Patent 8,504,746)  
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1 PROCEEDINGS

2 JUDGE CHANG: We're going to start on the second  
3 portion of the consolidated oral hearing. This will be  
4 IPR2016-01225 involving Patent 8,966,144. Each party will  
5 have 30 minutes of argument time, and the Petitioner may  
6 reserve a small portion of the time for rebuttal.

7 MR. CORDREY: Good afternoon, Your Honors.

8 JUDGE CHANG: Okay.

9 MR. CORDREY: My name is Gregg Cordrey. I'm  
10 counsel for Petitioners. I'm lead counsel in this IPR.

11 Just a couple of housekeeping things before we get  
12 going here.

13 JUDGE CHANG: Sure.

14 MR. CORDREY: I have hard copies. I've given one  
15 to the court reporter.

16 May I approach?

17 And I'd also like to reserve at this point five  
18 minutes for rebuttal.

19 JUDGE CHANG: Okay.

20 MR. CORDREY: So the 1225 IPR, as you pointed out,  
21 involves the '144 patent. I've identified in Slide 2 the  
22 challenged claims that were instituted in this IPR. And  
23 this, also like the prior IPRs, was instituted based on  
24 obviousness determination with a primary prior art reference

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1 being McNeill, and then in combination with the SCSI  
2 specification and admitted prior art.

3 Now, McNeill is a lot like the '144 patent in that  
4 it discloses an interface device that basically connects  
5 peripheral devices to a host, and it does it using customary  
6 driver, in this case, the SCSI interface or the SCSI scanner.

7 Now, McNeill's emulator, which resides on the  
8 target computer, allows the initiator to use SCSI commands in  
9 order to access either non-SCSI peripherals that are attached  
10 to the target computer or SCSI peripherals that are attached  
11 to the target computer and command them as if they were local  
12 to the initiator computer.

13 And this is Figure 2 now from -- I'm on Slide 4  
14 now. This is Figure 2 from McNeill, and it's the only  
15 embodiment that it describes here in terms of showing how it  
16 would be laid out. And you can see it's got two computers,  
17 the initiator, 10, and the target computer, 14.

18 McNeill discloses that these computers are personal  
19 computers, they can be, for example, the IBM PS2 or  
20 compatibles.

21 The initiator and the target computers also each  
22 have a SCSI adapter. They're identified as numerals 18 and  
23 20 respectively.

24 And then there's a SCSI bus that connect the  
25 initiator and the target together. That's identified as

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1 numeral 12 in Figure 2.

2 The target computer also shows in this embodiment  
3 that there's a peripheral device, a mag disk, that's numeral  
4 16, that's attached to the target. McNeill goes on to  
5 disclose that it's not limited to using mag disks as  
6 peripheral devices; in fact, there could be a number of other  
7 peripheral devices such as printers, scanners, optical  
8 devices, et cetera, that can be connected.

9 So having disclosed that you can use as peripheral  
10 devices a mag disk and a scanner, a person of ordinary skill  
11 in the art would understand that the scanner could be  
12 connected to the target computer's parallel port.

13 The scanner can be controlled one of three ways.  
14 For example, a scanner can be controlled manually. You can  
15 push the buttons on the scanner machine itself and operate  
16 the scanner manually. You can operate and control the  
17 scanner using an application local to the target computer or  
18 you can use the initiator, and the initiator could control  
19 the scanner via SCSI commands.

20 Now, in the latter case, the target would ID itself  
21 as two logic devices, a scanner and a hard disk. And, again,  
22 using the SCSI commands, it could control both -- the  
23 initiator could control both devices.

24 A person of ordinary skill in the art would  
25 understand in that circumstance that you would save the

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