

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

NICHIA CORPORATION,

Petitioner,

v.

DOCUMENT SECURITY SYSTEMS, INC.,

Patent Owner.

Case IPR2018-01166
Patent 7,256,486

PATENT OWNER'S DEMONSTRATIVE EXHIBITS



Nichia Corporation
v.
Document Security Systems, Inc.

IPR2018-01166 (USP 7,256,486 B2)

Oral Hearing Date: August 28, 2019

*Before Hon. Scott C. Moore, Amber L. Hagy, and Brent M. Dougal,
Administrative Patent Judges*

Summary of Asserted Grounds

Ground	References	Claim(s) challenged
1	Nakajima ³ and Weeks ⁴	1-5
2	Nakajima and Kish ⁵	1-5
3	Nakajima and Edmond ⁶	1-5
4	Rohm ⁷ and Weeks	1-3
5	Rohm and Kish	1-3
6	Rohm and Edmond	1-3
7	Rohm, Weeks, and Nakajima	4 and 5
8	Rohm, Kish, and Nakajima	4 and 5
9	Rohm, Edmond, and Nakajima	4 and 5
10	Matsushita ⁸ and Weeks	1-3
11	Matsushita and Kish	1-3
12	Matsushita and Edmond	1-3

Ground	References	Claim(s) challenged
13	Matsushita, Weeks, and Nakajima	4 and 5
14	Matsushita, Kish, and Nakajima	4 and 5
15	Matsushita, Edmond, and Nakajima	4 and 5
16	Nakajima, Weeks, and Jochym ⁹	6
17	Nakajima, Kish, and Jochym	6
18	Nakajima, Edmond, and Jochym	6
19	Rohm, Weeks, Nakajima, and Jochym	6
20	Rohm, Kish, Nakajima, and Jochym	6
21	Rohm, Edmond, Nakajima, and Jochym	6
22	Matsushita, Weeks, Nakajima, and Jochym	6
23	Matsushita, Kish, Nakajima, and Jochym	6
24	Matsushita, Edmond, Nakajima, and Jochym	6

Overview of Oral Hearing Issues

Issue	Grounds	Claims
Do Grounds 16-24 Render Claim 6 Obvious?	16-24	6
Does Petitioner Offer a Correct Construction of “Metallized...Major Surface”?	1-24	1-6
Does Secondary Reference Weeks Disclose or Suggest a Light Emitting Diode Having a Metallized Bottom Major Surface?	1, 4, 7, 10, 13, 16, 19, 22	1-6
Does either Kish or Edmond Teach or Suggest a “Metallized Top Major Surface of the LED” as Recited in Claim 2?	2-3, 5-6, 11-12, 14-15, 17-18, 20-21, 23-24	2-3

Issue #1:

Issue	Grounds	Claims
Do Grounds 16-24 Render Claim 6 Obvious?	16-24	6

Answer: No

See Petition (Paper 2), pp. 82-84;
PO's Response (Paper 13), pp. 14-24;
PO's Sur-Reply (Paper 17), pp. 1-5.

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