

07-22-1999

Docket No.: 501.37293X00

FORM PTO-1595
1-31-92

RE



HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101097923

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kunikazu OHNISHI, Takeshi SHIMANO, Shigeru
NAKAMURA, Masayuki INOUE, Yukio FUKUI, Yasuyuki
SUGI, Shinji FUJITA, Mitsuhiro OTAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: May 31, 1999

2. Name and address of receiving party(ies):

Name: Hitachi, Ltd.

Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku

City: Tokyo:

Country: Japan

Additional name(s) & address(es) attached? ☒ Yes ☐ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 31, 1999

A. Patent Application No.(s)

09 347530

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street
Suite 1800

City: Arlington State: VA Zip: 22209

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)\$40.00

- ☒ Enclosed
☒ Any deficiencies may be charged to deposit account
☐ Authorized to be charged to deposit account

8. Deposit account number: 01-2135

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Melvin Kraus

Name of Person Signing
Attorney Registration No. 22,466

Signature

July 6, 1999

Date

07/19/1999 07:00:00 00000003 09347530 ect, attachments, and document: 3

00 FEB 501 No. 0651-0011 (exp. 4/94) 40.00 0P

Name: Hitachi Media Electronics Co.,ltd.

Address: 1, Kitano, Shingoaza, Mizusawa-shi, Iwate-ken 023-0841
Japan

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to
Kunikazu OHNISHI, Takeshi SHIMANO, Shigeru NAKAMURA, Masayuki INOUE,
Yukio FUKUI, Yasuyuki SUGI, Shinji FUJITA AND Mitsuhiko OTA

citizens of Japan by Hitachi, Ltd. and

Hitachi Media Electronics Co.,Ltd.

located at

6, Kandasurugadai 4-chome, Chiyoda-ku, Tokyo, Japan and
1, Kitano, Shinjoaza, Mizusawa-shi, Iwate-ken 023-0841

receipt of which is hereby acknowledged, we, the said Japan

Kunikazu OHNISHI, Takeshi SHIMANO, Shigeru NAKAMURA, Masayuki INOUE,
Yukio FUKUI, Yasuyuki SUGI, Shinji FUJITA AND Mitsuhiko OTA

do hereby sell and assign to said

Hitachi, Ltd. and

Hitachi Media Electronics Co.,Ltd.

their successors and assigns, all our right, title and interest, in and for the United States of America,
its in and to " OPTICAL DETECTOR, SIGNAL PROCESSING CIRCUIT AND OPTICAL

INFORMATION REPRODUCTION APPARATUS THEREOF "

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said

Hitachi, Ltd. and Hitachi Media Electronics Co.,Ltd.

their Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent
its may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said

Hitachi, Ltd. and Hitachi Media Electronics Co.,Ltd.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Kunikazu Ohnishi</u> (Kunikazu Ohnishi)	May 31, 1999	<u>Yasuji Moriyama</u>
2) <u>Takeshi Shimano</u> (Takeshi Shimano)	May 31, 1999	<u>Yasuji Moriyama</u>
3) <u>Shigeru Nakamura</u> (Shigeru Nakamura)	May 31, 1999	<u>Yasuji Moriyama</u>
4) <u>Masayuki Inoue</u> (Masayuki Inoue)	May 31, 1999	<u>Yasuji Moriyama</u>
5) <u>Yukio Fukui</u> (Yukio Fukui)	May 31, 1999	<u>Yasuji Moriyama</u>
6) <u>Yasuyuki Sugi</u> (Yasuyuki Sugi)	May 31, 1999	<u>Yasuji Moriyama</u>
7) <u>Shinji Fujita</u> (Shinji Fujita)	May 31, 1999	<u>Yasuji Moriyama</u>
8) <u>Mitsuhiko Ota</u> (Mitsuhiko Ota)	May 31, 1999	<u>Yasuji Moriyama</u>