

08-04-2005

Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Attorney Docket No. 500.45227X00

103055497

To the Honorable Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office, Washington, D.C. 20530
Enclosed original documents or copy thereof.

07-29-05

1. Name of conveying party(ies):
Manabu OCHI
Katsuhiko KIMURA
Masaya HORINO
Junichi SENG
Masayoshi WATANABE
Tetsuo ITOU

2. Name and address of receiving party(ies)
Hitachi Media Electronics Co., Ltd.
1 Kitano, Shinjo
Mizusawa-shi, Iwate-ken
JAPAN

113268 U.S. PTO
11/191940



Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

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

Execution Date: June 17, 2005 and June 20, 2005

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: June 17, 2005 and June 20, 2005

A. Patent Application No.(s)

B. Patent Registration No.(s)

Additional number(s) 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:

1300 NORTH 17TH 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
 Authorized to be charged to deposit account

8. Deposit account number:
01-2135
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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, Reg#22,466

Name of Person Signing

Signature

07/29/2005

Date

Total number of pages including cover sheet, attachments, and document: **2**
Mail documents to be recorded with required cover sheet information to:
Commissioner of Patent & Trademarks, Box Assignments
Washington, D.C. 20231

08/01/2005 MBIZUMES 00000022 11191940
05 FC:8021 40.00 OF

PATENT
REEL: 016826 FRAME: 0938

W2413-01
(*)

ASSIGNMENT
(譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi Media Electronics Co., Ltd., a corporation organized under the laws of Japan, located at 1, Kitano, Shinjo, Mizusawa-shi, Iwate-ken, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Media Electronics Co., Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

OPTICAL PICKUP

invented by me (if only one is named below) or us (if plural inventors are named below) 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 extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Media Electronics Co., Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the 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, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Media Electronics Co., Ltd.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Manabu Ochi</u>	<u>6/17/05</u>
2) <u>Katsuhiko Kimura</u>	<u>6/17/05</u>
3) <u>Masaya Horino</u>	<u>6/20/05</u>
4) <u>Junichi Senga</u>	<u>6/17/05</u>
5) <u>Masayoshi Watanabe</u>	<u>6/17/05</u>
6) <u>Tetsuo Ito</u>	<u>6/17/05</u>
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____