

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Eriko TATSU</td> <td>05/20/2010</td> </tr> <tr> <td>Tatsuro IDE</td> <td>05/20/2010</td> </tr> <tr> <td>Shigeharu KIMURA</td> <td>05/20/2010</td> </tr> <tr> <td>Kazuyoshi YAMAZAKI</td> <td>05/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Eriko TATSU	05/20/2010	Tatsuro IDE	05/20/2010	Shigeharu KIMURA	05/20/2010	Kazuyoshi YAMAZAKI	05/20/2010
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CORRESPONDENCE DATA											
Fax Number: (703)312-6666 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 703-312-6600 Email: sgaitan@antonelli.com Correspondent Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Address Line 1: 1300 NORTH SEVENTEENTH STREET Address Line 2: SUITE 1800 Address Line 4: ARLINGTON, VIRGINIA 22209-3873											
ATTORNEY DOCKET NUMBER:	501.50825X00										
NAME OF SUBMITTER:	Melvin Kraus										
Total Attachments: 1 source=50825x00asn#page1.tif											

OP \$40.00 12834055

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PATENT
REEL: 024664 FRAME: 0567

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, Shinjoaza, Mizusawa-Shi Iwate-Ken 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 PICK-UP AND OPTICAL INFORMATION RECORDING AND REPRODUCING APPARATUS

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 our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) <u>Erika Tatsu</u>	<u>5/20/2010</u>
2) <u>Tatsuro Ide</u>	<u>5/20/2010</u>
3) <u>Shigeharu Kimura</u>	<u>5/20/2010</u>
4) <u>Kazuyoshi Yamazaki</u>	<u>5/20/2010</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

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RECORDED: 07/12/2010

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