

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshihiro Sato</td> <td>01/12/2010</td> </tr> <tr> <td>Hidenao Saito</td> <td>01/13/2010</td> </tr> <tr> <td>Seiichi Kato</td> <td>10/23/2009</td> </tr> <tr> <td>Jun Hato</td> <td>10/23/2009</td> </tr> <tr> <td>Ryuichiro Mizuno</td> <td>10/23/2009</td> </tr> <tr> <td>Katsuhiko Kimura</td> <td>11/24/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yoshihiro Sato	01/12/2010	Hidenao Saito	01/13/2010	Seiichi Kato	10/23/2009	Jun Hato	10/23/2009	Ryuichiro Mizuno	10/23/2009	Katsuhiko Kimura	11/24/2009
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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: rperez@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:	520.50404X00														

OP \$40.00 12632891

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PATENT
REEL: 023974 FRAME: 0817

NAME OF SUBMITTER:

Melvin Kraus

Total Attachments: 1

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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, Aza-Kitano, Shinjo, Mizusawa-ku, Oshu, Iwate, 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

OBJECTIVE LENS ACTUATOR, OPTICAL PICKUP AND OPTICAL DISC DRIVE

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>Yoshihiro Sato</u> Yoshihiro SATO	<u>1/12/2010</u> 1/12/2010 1/12/2010
2) <u>Hidenao Saito</u> Hidenao SAITO	<u>1/13/2010</u>
3) <u>Seiichi Kato</u> Seiichi KATO	<u>10/23/2009</u>
4) ^{10/23/2009} Kato <u>Jun Kato</u> Jun HATO	<u>10/23/2009</u>
5) <u>Ryuichiro Mizuno</u> Ryuichiro MIZUNO	<u>10/23/2009</u>
6) <u>Katsuhiko Kimura</u> Katsuhiko KIMURA	<u>11/24/2009</u>