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Form PTO-1595

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

Attorney Docket No. 501.45773X00

103255	946U
To the Honorable Commissioner of Patents and Trademarks: P	ease record the attached original documents or copy thereof.
Name of conveying party(ies):	
Satoshi ARAI	Name and address of receiving party(ies)
Hiroaki FURUICHI	Name: HITACHI MEDIA ELECTRONICS CO., LTD.
Yoshio OOZEKI JUN 0 7 2006)	
Hideo SOTOKAWA	
1 \40 \61	
Mitsuo SATAKE	Charle Address A. Witsus Oblinions
Kazuhiko ITO	Street Address: 1, Kitano Shingoaza,
Masayoshi WATANABE	Mizusawa-Shi Iwate-Ken, Japan
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of conveyance/ Execution Date: December 28, 28,	
28, 28, 28, 28, 28, 2005.	
☐ Assignment ☐ Merger	
	Additional name(s) & address(es) attached? Yes No
☐ Security Agreement ☐ Change of Name	
☐ Joint Research Agreement	
☐ Government Interest Assignment	
Executive Order 9424, Confirmatory License	
Other CORRECTED ASSIGNMENT The 4th	
Inventor's name was still omitted on the previously	
recorded Notice of Recordation.	
Application number(s) or patent number(s):	This document is being filed together with a new application,
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A. Patent Application No.(s)	B. Patent Registration No.(s)
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Additional number(s) attached 🔲 Yes 🖾 No	
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C. Name and address of name to them as we conceded	
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concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: 1300 NORTH 17 TH STREET – SUITE 1800 City: ARLINGTON State: VA Zip 22209 Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com DO NOT USE 1 9. Statement and signature. To the best of my knowledge and belief, the foregoing info is a true copy of the original document.	7. Total fee (37 CFR 3.41)\$ Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information: a. Credit Card Last 4 numbers: Expiration date: b. Deposit account number: 01-2135 Authorized User Name: THIS SPACE
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Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: 1300 NORTH 17 TH STREET – SUITE 1800 City: ARLINGTON State: VA Zip 22209 Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com DO NOT USE 1 9. Statement and signature. To the best of my knowledge and belief, the foregoing info is a true copy of the original document. Melvin Kraus, Reg#22,466 Name of Person Signing Signati	7. Total fee (37 CFR 3.41)\$ Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information: a. Credit Card Last 4 numbers: Expiration date: b. Deposit account number: 01-2135 Authorized User Name: THIS SPACE THIS SPACE Resubmitting June 7, 2006

PATENT REEL: 017977 FRAME: 0167

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, Shingoaza, 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 DISK DRIVE 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) Satoshi ARAI	12/28/05
2) Viroaki Furuick	12/28/05
3) Yoshio Oozeki	12/28/05
4) 9 dideo Sotokawa	12/28/05
5) Mitsuo Satake	12/28/05
6) kazuhiko Ito	12/28/05
7) Hasayoshi Watanabe	12/28/05
8)	
9)	
10)	

PATENT REEL: 017977 FRAME: 0168

RECORDED: 06/07/2006