11-17-2009 Docket No.: 062807-06 103580774 To the Director of the U.S. documents or the new address(es) below. 1. Name of Conveying Party(ies) 2. Name and address of receiving party(ies) HITACHI CONSUMER ELECTRONICS CO., Masakazu IKEDA Name: LTD. Internal Address: Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of Conveyance/Execution Date(s) Address: 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, JAPAN Execution Date(s): October 30, 2009 **Assignment** ☐ Merger Security Agreement ☐ Change of Name ☐ Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes No Other This document is being filed together with a new application. 4. Application or patent number(s): B. Patent No(s). A*. Patent Application No(s). · 12/603,111 filed October 21, 2009 Additional numbers attached? \(\subseteq \text{Yes} \subseteq \text{No} \) 5. Name and address to whom correspondence concerning 6. Total number of applications and patents document should be mailed: involved: Name: MCDERMOTT WILL & EMERY LLP 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed Street Address: 600 13th Street, N.W. None required (government interest not affecting title) City: Washington State: D. C. 20005-3096 Phone Number: 202.756.8000 8. Payment Information: Fax Number: 202.756.8087 Email Address: Credit Card Last 4 Numbers **Expiration Date** b. Deposit Account Number *5*00417 Authorized WSSP NULLINAI 00000035\500417 12603111

9. Signature.

Keith E. George 34,111

Name and Registration No. of Person Signing

PATENT REEL: 023539 FRAME: 0161

40.00 DA

November 12, 2009

Date

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Total number of pages including cover sheet, attachments and documents:

105355-01

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 Consumer Electronics Co., Ltd. a corporation organized under the laws of Japan,

located at 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said. Hitachi Consumer 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 DISC, OPTICAL DISC RECORDING METHOD AND APPARATUS, AND OPTICAL DISC REPRODUCING METHOD AND APPARATUS

*U.S.Application No. 12/603111 filed on October 21, 2009 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 Consumer 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 Consumer Electronics Co., Ltd.

Signed on the date(s) indicated aside our signatures:

	INVENTOR(S) (発明者フルネームサ	Date Signed (署名日)	
1)	Masakaza Ikeda	Masakazu IKEDA	Oct. 30, 2009
2)			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			

PATENT REEL: 023539 FRAME: 0162

RECORDED: 11/12/2009