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Docket No.: 058799-0226	6026			
To the Director of the U. S. Patent and Trade 10350	56926 attached documents or the new address(es) below.			
1. Name of Conveying Party(ies)	2. Name and address of receiving party(ies)			
Yutaka NAGAI, Koichiro NISHIMURA, Junya IIZUKA	Name: HITACHI, LTD.			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes No				
3. Nature of Conveyance/Execution Date(s)	Address: 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo,			
,	JAPAN			
Execution Date(s): June 29, 2009				
★ Assignment				
☐ Security Agreement ☐ Change of Name				
Joint Research Agreement				
Government Interest Assignment				
Executive Order 9424, Confirmatory License				
Other	Additional name(s) & address(es) attached? Yes No			
4. Application or patent number(s):	This document is being filed together with a new application.			
A. Application No.	B. Patent No(s).			
12/480,335 filed on June 8, 2009				
Additional numbers attac	hed? TVes TNo			
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			
Street Address: 600 13th Street, N.W.	☐ Enclosed			
	None required (government interest not affecting title)			
City: Washington State: D. C. Zip: 20005-3096				
Phone Number: 202.756.8000	8. Payment Information:			
Fax Number: 202.756.8087				
Email Address:	a. Credit Card Last 4 Numbers			
Eman Address.	Expiration Date			
	b. Deposit Account Number 500417			
	Authorized User Name			
	07/16/2009 DBYRNE 90000005 500417 12480335			
9. Signature.	/ / / / / / / / / / / / / / / / / / /			
Keith E. George 34,111 July 8, 2009				
Name and Registration No. of Person Signing Signature Date				
Total number of pages including cover sheet, attachments and documents: 2				

PATENT

REEL: 022944 FRAME: 0023

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, Ltd.,

a corporation organized under the laws of Japan,

located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

OPTICAL INFORMATION RECORDING APPARATUS AND OPTICAL INFORMATION RECORDING METHOD

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, 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, Ltd.,

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

IND/CNITOD/OV

inventor(S) (発明者フルネームサイン)			(署名日)	
1) Yuraka	haga i	Yutaka NAGAI	June 29, 2009	
2) Ninchiro	Fishmine	Koichiro NISHIMURA	June 29, 2009	
3) Junya	olizuka	Junya IIZUKA	June 29, 2009	
4)				
5)				
6)				
7)				
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9)				
10)				

PATENT REEL: 022944 FRAME: 0024

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RECORDED: 07/08/2009