9/26/1 09-	-30 - 2005 US DEPARTMENT OF COMMERCE	
FURINI PTU-1393	U.S. DEFARTMENT OF COMMERCE	
(Rev. 10/02) Docket No.: 062807-0269	Patent and Trademark Office	
	riginal documents or copy thereto:	
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):	
Hiroaki ONO and Tatsuya ISHITOBI	Name: HITACHI, LTD.	
Hiroaki ONO and Tatsuya ISHITOBI SEP 2 6 1005	Address: 6-6, Marunouchi 1-chome, Chiyoda-ku,	
Additional name(s) of conveying part (ses) attached? Yes No	Tokyo, Japan	
3. Nature of Conveyance:		
☐ Merger		
☐ Security Agreement ☐ Change of Name		
Other		
Execution Date: July 26, 2005		
	Additional name(s) & address(es) attached? Yes No	
4. Application number(s) or patent number(s):		
If the document is being filed together with a new application, the		
A. Patent Application No(s).	B. Patent No(s).	
11/186,916 filed July 22, 2005		
Additional numbers attached		
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:		
Name: MCDERMOTT WILL & EMERY LLP	7. Total fee (37 CFR 3.41) \$40.00	
Internal Address:	Enclosed	
	Authorized to be charged to deposit account	
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Voith E. Goorge Pagistration No. 24 111	M 5 / 2 1 Santambar 24 2005	
Keith E. George, Registration No. 34,111	September 26, 2005	
Name and Registration No. of Person Signing	Signature Date Otal number of pages including cover sheet: 2	
OMB No. 0651-0027 (exp. 6/30/2005)	otal number of pages including cover sheet: 2	

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ASSIGNMENT (譲渡証)

W2459-01 (*)

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

RECORDING/PLAYBACK DEVICE, RECORDING DEVICE, AND RECORDING/PLAYBACK 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:

INVENTOR(S)

	(発明者フルネームサイン)	(署名日)
1)_	Hiroski Ono	July 26, 2005 July 26, 2005
2)	Tatauya Ishitobi	July 26, 2005
3)_	•	
4)_		
5)_		
6)_		
7)_		
8)_		
9)_		
10)		

PATENT REEL: 017030 FRAME: 0471

Date Signed

RECORDED: 09/26/2005