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To the Honorable Commissioner of a means	101937806	ned original documents or copy thereof.		
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Hiroshi SAKAI	13-9, Shibadaimon 1-	13-9, Shibadaimon 1-chome, Minato-ku, Tokyo, Japan		
Hiroshi SAKAI Takashi HIROSAKA		å- →		
Futoshi NAKAMURA	KABUSHIKI KAISH			
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Additional name(s) of conveying party(ies) attached?	′es ☑ No			
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Execution Date: November 20, 2001	Additional name(s) & a	ddress(es) attached? □ Yes ☑ No		
4. Application number(s) or patent number(s):				
If this document is being filed together with a r	new application, the execution date	of the application is: November 20, 2001		
A. Patent Application No.(s)	B. Patent No.(s)			
10,029204				
	I numbers attached?	☑ No		
5. Name and address of party to whom correspon		pplications and patents involved:		
concerning document should be mailed:		1		
SUGHRUE MION, PLLC	7. Total fee (37 CFR	3.41): \$40.00		
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00000031 10029204 01/09/2002 TDIAZ1 01 FC:581

Assignment

Whereas, I/We, (1) Kenji Shimizu; (2) Hiroshi Sakai; (3) Takashi Hikosaka; and (4) Futoshi Nakamura

Address of (1),(2) inventors: c/o Showa Denko HD K.K., 5-1, Yawata Kaigan dori, Ichihara-shi, Chiba-ken, Japan; address of (3) inventor: 33-17-408, Minamimagome 3-chome, Ota-ku, Tokyo, Japan; and address of (4) inventor: 6-14-19, Yawata, Ichikawa-shi, Chiba-ken, Japan

hereinafter called assignor(s), have invented certain improvements in

MAGNETIC RECORDING MEDIUM, METHOD OF PRODUCING THE SAME AND MAGNETIC RECORDING AND REPRODUCING DEVICE

and executed an application for Letters Patent of the United States of America therefor on November 20, 2001; and

Whereas, (1) SHOWA DENKO K.K.

13-9, Shibadaimon 1-chome, Minato-ku, Tokyo, Japan; and

(2) KABUSHIKI KAISHA TOSHIBA

1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number________) the filing date and application number of said application when known.

Date:	November 2	0, 2001 s/	Henry Skiminge	Kenji Shimizu
Date:	November 2	0, 2001 s/	Hiroki Sabul	Hiroshi Sakai
Date:	November 2	o, 2001 S/	Takashi Hikowha	Takashi Hikosaka
Date:	November 2	0, 2001 S/	Futeshi nakamura	Futoshi Nakamura
Date:		s/		

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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