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Assignment

Whereas, We, Toshihiko YOSHIKAWA, Akira SAKAWAKI, and Hiroshi SAKAI,
all of Chiba, Japan, hereinafter called assignors, have invented certain
improvements in MAGNETIC RECORDING MEDIUM and executed an application for
Letters Patent of the United States of America (application number $10/078,659$ and
confirmation number: 5870, filed on February 21, 2002) therefor on
; and

Whereas, SHOWA DENKO K.K., 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 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,

We, the above named assignors, 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 we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and 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.

Date:	market and a second	Tother Gothikan	
	s/Toshihiko Y	OSHIKAWA [†]	
Date:	April 3, 2002	Elki z Jokanaki	
	s/Akira SAKAV	VAKI	
Date:	April 3. Ico 1	Hirshi Sakai	
	s/Hiroshi SAK	AI	

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

RECORDED: 04/25/2002

PATENT REEL: 012864 FRAME: 0129