Form PTO-1595 1-31-92	06-21-2000 U.S DEPARTMENT OF COMMERCE Patent and Trademark Office				
Q59521					
To the Honorable Assistant Commissioner fo	101386391 iginal documents or copy thereof.				
1. Name of conveying party(ies): Mutsumi KONO and Takashi MORIMAE	Internal Address:				
3. Nature of Conveyance:	City State Zip				
X Assignment Merger Security Agreement Change of Name Other	Additional name(s) & address(es) attached? yes <u>x</u> no				
Execution Date: May 23, 2000					
 Application number(s) or patent number(s): If this document is being filed together with a 	new application, the execution date of the application is: May 23, 2000				
A. Patent Application No.(s)	B. Patent No(s).				
09/583875 Additional	numbers attached?Yesx No				
5. Name and address of party to whom correspond concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS	ence 6. Total number of applications and patents involved: One (1)				
2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3202	7. Total Fee (37 CFR 3.41): \$\frac{40.00}{x} Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880. Authorized to be charged to Deposit Account				
	Addition ized to be charged to beposit Account				
	8. Deposit Account No.				
	(Attach dupl. copy of this page if paying by Deposit Account)				

copy of the original document.

Reg. No. 23,063

May 31, 2000

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT:

OMB No. 0651-0011 (exp. 4/94)

01 FC:581

Do not detach this portion

Mail documents to be recorded with required cover sheet information to: 06/20/2000 DNGUYEN 00000160 09583875

Assistant Commissioner for Patents **Box Assignments**

40.00 OP

Washington, D.C. 20231

PATENT REEL: 010860 FRAME: 0727

Assignment

Whereas, I/We,	Mutsumi	KONO	and	Takashi	MORIMAE
Tokorozawa-shi,	Saitama-	ken,	Japa	n	

of

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

REPRODUCING APPARATUS FOR RECORD DISC

and executed an application for Letters Patent of the United States of America therefor on MAY 23, 2000 ; and

Whereas, PIONEER CORPORATION of No. 4-1 Meguro 1-chome, Meguro-ku, Tokyo-to, 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

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

8/92

RECORDED: 05/31/2000

PATENT REEL: 010860 FRAME: 0728