Form PTO-1595 1-31-92 To the Director – U.S. Patent and Tradem 1. Name of conveying party(ies): Masahiko MIYASHITA, Takao YAMADA, Nobuo OHYAMA, Kazuo KAMEI, Eiji KOJIMA	U.S. DEPARTMENT OF COMM Patent and Trademark 101794951 Mark Office. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies)?
To the Director – U.S. Patent and Tradem 1. Name of conveying party(ies): Masahiko MIYASHITA, Takao YAMADA,	101794951 Contract of the attached original documents or copy thereof.
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1. Name of conveying party(ies): Masahiko MIYASHITA, Takao YAMADA,	
	2. Name and address of receiving party(ies).
Nobuo OHYAMA, Kazuo KAMEI, Eiji KOJIMA	PIONEER CORPORATION
Toshio OHTANI	A, and No. 4-1 Meguro 1-chome, Meguro-ku, Tokyo-to, Japan
Additional name(s) of conveying party(ies) attach	ied?
🗆 yes 🗹 no	
3. Nature of Conveyance:	
Assignment Merger	
□ Security Agreement □ Change of Names	
☑ Other To correct the fifth Assignor's name Reel 011484, Frame 0137	e at Additional name(s) & address(es) attached?
	□ yes ☑ no
Execution Date: January 15, 2001 4. Application number(s) or patent number(s):	1
	w application, the execution date of the application is:
A. Patent Application No.(s)/Confirmation N	
09/764,083 /6805	
	mbers attached? Ves No
5. Name and address of party to whom correspon concerning document should be mailed:	1
SUGHRUE, MION, ZINN, MACPEAK & SEAS	S, PLLC 7. Total Fee (37 CFR 3.41): \$40.00
2100 Pennsylvania Avenue, N.W.	☑ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4
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9. Statement and Signature.	
To the best of my knowledge and belief, the fore	going information is true and correct and any attached copy is a true copy of
original document.	July 26, 2001
Harry Mexa	Reg. No. 23,063 Date
Darryl Mexic	
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PATENT REEL: 012011 FRAME: 0309

Assignment

Whereas, I/We, Masahiko MIYASHITA, Takao YAMADA, Nobuo OHYAMA Kazuo KAMEI, Eiji KOJIMA and Toshio OHTANI

of

Tokorozawa-shi, Saitama-ken, Japan

hereinafter called assignor(s), have invented certain improvements in INFORMATION REPRODUCTION APPARATUS AND INFORMATION REPRODUCTION METHOD

and executed an application for Letters Patent of the United States of America therefor on ; 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 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application _____, filed ______) the filing date and application number____ number of said application when known.

Date: January 15, 2001 s/	Masahiko Miyashita	
Date: January 15, 2001 s/	Yamada Takao	
Date: January 15, 2001 s/	Nobuo Ohyama	
Date: January 15, 2001 s/	Kazuo Kamei	
Date: January 15, 2001 s/	Eiji Kojima	
Date: January 15, 2001 s/	Toshio Ohtani	
is a security of the reporting but is prime facile evidence of execution under 35 U.S.C. §261		

1) (Legalization not required for recording but is prima facie evidence of execution under 3

RECORDED: 07/26/2001

8/92

PATENT REEL: 012011 FRAME: 0310