

U.S. DEF	ARTMENT OF COM	MERCE
T T	Dotont and Tradoman	l. Office

(Rev. 10/02)	103093660	U.S. Patent and Trademark Office			
To the Director of the U.S. Patent and Trademark Office					
1. Name of conveying party(ies):	2. Name and address of receiving party	(ies):			
Junichi TANAKA	PIONEER CORPORATION				
Hironori OHISHI	4-1, Meguro 1-chome,	₽,			
	Meguro-ku, Tokyo, JAPAN	₫ 💆 🗮			
	JAPAN	80 8 0			
	}	- K			
		46 80			
Additional name(s) of conveying party(ies) attached? Yes No		55%			
3. Nature of conveyance:	1	' ====			
☑ Assignment ☐ Merger					
☐ Security Agreement ☐ Change of Name					
☐ Other					
	†				
Execution Date: August 9, 2005	Additional name(s) & address(es) attached?	☐ Yes ☑ No			
4. Application number(s) or patent number(s):					
If this document is being filed together with a new applica	tion, the execution date of the application	is: August 9, 2005			
A. Patent Application No.(s)	B. Patent No.(s)				
Additional numbers a	I attached? □ Yes ☑ No				
5. Name and address of party to whom correspondence	6. Total number of applications and par	tents involved:			
concerning document should be mailed:	1				
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40	0.00			
WASHINGTON OFFICE	☑ Enclosed.				
23373	☐ Authorized to be charged to Dep				
CUSTOMER NUMBER	The USPTO is directed and authorize				
	fees, except for the Issue Fee and the Pu				
	Account No. 19-4880. Please also cred Deposit Account.	it any overpayments to said			
	8. Deposit Account Number:				
	19-4880				
	(Attach duplicate copy of this page if	paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature.					
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the					
original document.					
1 and 1 / pm	Septemb	per 26, 2005			
Paul F. Neils Reg. No.		Date			
Tetal mush on after a six 1.12					
Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to:					
MAIL STOP ASSIGNMENT RECORDATION SERVICES					
Director of the U.S. Patent and Trademark Office					
P.O. Box 1450					
Alexandria, VA 22313-1450					

10/03/2005 ECOOPER 00000347 29239064

01 FC:8021

22 -78677)

ASSIGNMENT

Whereas, I/we Junichi Tanaka and Hironori Ohishi

c/o PIONEER DESIGN CORPORATION of 4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

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

TELEVISION RECEIVER

and executed an application for Letters Patent of the United States of America therefor on

August 9,

2005; and

Whereas,

RECORDED: 09/27/2005

PIONEER CORPORATION of 4-1, Meguro 1-chome, Meguro-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 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 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/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number_______, filed_______) the filing date and application number of said application when known.

Date:	August	9,	2005	s/	Junichi Tanaka. Junichi Tanaka
Date:	August	9,	2005	s/	Hironori Ohishi
Date:				s/	
Date:				s/	

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

PATENT REEL: 017040 FRAME: 0584