

Form PTO-1595 (modified)	0004070	EET	U.S. DEPARTMENT OF COMMERCE					
(Rev. 03/01) 10	20240/9 FEN 18 UNL Y		U.S. Patent and Trademark Office					
OMB No. 0651-0027 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.								
1. Name of conveying party(ies):	2. Name and address							
Yasuyuki TOBISHIMA		PIONEER CORPORATION						
			ro-ku, Tokyo, Japan					
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Additional name(s) of conveying party(ies) attached? Yes	No		/\					
3. Nature of conveyance:								
☑ Assignment ☐ Merger			10,1					
			31					
☐ Security Agreement ☐ Change of Name								
Other								
Execution Date: February 26, 2002	Additional name(s) & a	nddress(es) attac	ched? Yes No					
4. Application number(s) or patent number(s):	7 reductional nume(s) & a	iddress(es) arrac						
If this document is being filed together with a new application, the execution date of the application is: February 26, 2002								
A. Patent Application No.(s)	B. Patent No.(s)							
Additional numbers attached? Yes No								
5. Name and address of party to whom correspondence	6. Total number of a	pplications an	d patents involved:					
concerning document should be mailed:		1						
SUGHRUE MION, PLLC	, ,	7. Total fee (37 CFR 3.41): \$40.00						
2100 Pennsylvania Avenue, N.W. Suite 800		☑ Enclosed. Please charge any underpayment in connection						
Washington, D.C. 20037-3213	1	with this Assignment to Deposit Account No. 19-4880.						
Washington, D.C. 2005 5215		Authorized to be charged to deposit account						
	8. Deposit account n	iumber: 19-4	880					
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9. Statement and signature.								
To the best of my knowledge and belief, the foregoing	information is true and cov	exact and any	attacked convice a true convert the					
original document.	injormation is true and cor	reci ana any i	шискей сору із и ние сору бу те					
original document. Jerry Mx ai		_						
Jerry C.	No. 23,063	<u>N</u>	March 8, 2002					
Darryl Mexic Reg.	No. 23,003		Date					
Total number of pages including cover sheet, attachments, and documents: 2								
Mail documents to be recorded with required cover sheet information to:								
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ASSIGNMENT

Whereas, I/we

Yasuyuki TOBISHIMA of Saitama, Japan

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

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

February 26, 2002 xxxi; and

Whereas, PIONEER CORPORATION of No.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: February 26, 2	2003	来	<u></u>	康	丰
Date:	s/		,		
Date:	s/				
Date:	s/				
Date:	s/				

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

RECORDED: 03/08/2002

PATENT REEL: 012681 FRAME: 0843