Form PTO-1595 1-31-92 Q59369	06-21-2000	U.S DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Assistant Commissioner	101388413	a original documents or copy the
1. Name of conveying party(ies): Hirofumi HONDA Additional name(s) of conveying party(ie yesx no	Name: PIONEER CORPORATION Internal Address:	of receiving party(ies)?
3. Nature of Conveyance:	City State	Zip
Assignment Merger Security Agreement Change of	yesx	address(es) attached? no
Other Execution Date: May 17, 2000	091576	771
4. Application number(s) or patent numb	er(s):	
If this document is being filed together		date of the application is:
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5. Name and address of party to whom co concerning document should be mailed:	6. Total number of a One (1)	applications and patents involved:
SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3202	7. Total Fee (37 CFF <u>x</u> Enclosed connection with this 4880.	R 3.41): \$ 40.00 Please charge any underpayment in Assignment to Deposit Account No. 19-
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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.

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Assistant Commissioner for Patents

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Assignment

Whereas.	I/We.	Hirofumi	HONDA	of	Yamanashi,	Japan
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hereinafter called assignor(s), have invented certain improvements in

VIDEO SIGNAL CONVERTING APPARATUS

Whereas, 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 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					
number	, filed) the filing date and application			
number of said application	when known.				
Date: May 17, 2000	s/) (irofumi Hirofumi HONDA	Idonda			
Date:	s/				
Date:	s/				
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(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

8/92

RECORDED: 05/23/2000

PATENT REEL: 010860 FRAME: 0615