

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Keitaro SUGAWARA	10/09/2008
RECEIVING PARTY DATA	
Name:	Pioneer Corporation
Street Address:	4-1, Meguro 1-chome
City:	Meguro-ku, Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12299866
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Total Attachments: 1 source=EXECUTED_ASSIGNMENT#page1.tif	

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PATENT
REEL: 021797 FRAME: 0399

Assignment

Whereas, I/We, Keitaro SUGAWARA of Kawagoe-shi, Saitama, Japan
hereinafter called assignor(s), have invented certain improvements in
AUDIO SIGNAL PROCESSING SYSTEM AND SURROUND SIGNAL GENERATION METHOD
and executed an application for Letters Patent of the United States of America therefor on
_____ ; and

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 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 12299866 and Confirmation number 3527, filed November 6, 2008) the filing date and application number of said application when known.

Date: 10. 7, 2008 KEITARO SUGAWARA
s/