

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKASHI MATSUMOTO	02/10/2014
AKIRA HATTORI	02/13/2014
ICHIRO SUGAI	02/12/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PIONEER CORPORATION
<b>Street Address:</b>	1-1, SHIN-OGURA, SAIWAI-KU
<b>Internal Address:</b>	KAWASAKI-SHI
<b>City:</b>	KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	212-0031
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14344240
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<b>ATTORNEY DOCKET NUMBER:</b>	8100-1042
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<b>SIGNATURE:</b>	/Eric Jensen/
<b>DATE SIGNED:</b>	03/12/2014
<b>Total Attachments: 1</b> source=ASSMT#page1.tif	

**ASSIGNMENT**

WHEREAS, \_\_\_\_\_  
Takashi MATSUMOTO  
\_\_\_\_\_ Akira HATTORI  
\_\_\_\_\_ Ichiro SUGAI  
\_\_\_\_\_

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in  
AUDIO PROCESSING APPARATUS, REPRODUCTION APPARATUS, AUDIO PROCESSING  
METHOD AND PROGRAM

- (a) for which an application for a United States patent was filed on  
March 11, 2014, Application No. 14/344,240,
- (b) for which an application for a United States patent was executed on  
February 10, 2014, February 13, 2014 and February 12, 2014

WHEREAS, PIONEER CORPORATION  
whose address is 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031 JAPAN,  
hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to  
the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), and other good and  
valuable consideration, the receipt and sufficiency of which is hereby acknowledged, applicant(s), by  
these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right  
to the said invention in the United States and the entire right, title and interest in and to any and all patents  
which may be granted therefor in the United States, for its sole use and behoof, and for the use and  
behoof of its legal representatives, to the full end of the term for which said patents may be granted, as  
fully and entirely as the same would have been held by applicant(s) had this assignment and sale not  
been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to  
issue said United States patents to said assignee(s).

Date 2.10, 2014 \_\_\_\_\_  
Takashi MATSUMOTO  
(signature) Takashi MATSUMOTO

Date 2.13, 2014 \_\_\_\_\_  
Akira Hattori  
(signature) Akira HATTORI

Date 2.12, 2014 \_\_\_\_\_  
Ichiro SUGAI  
(signature) Ichiro SUGAI