

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yasuteru KODAMA</td> <td>04/12/2013</td> </tr> <tr> <td>Ryujiro FUJITA</td> <td>04/12/2013</td> </tr> <tr> <td>Takehiko SHIODA</td> <td>04/12/2013</td> </tr> <tr> <td>Ryushin KAMETANI</td> <td>04/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yasuteru KODAMA	04/12/2013	Ryujiro FUJITA	04/12/2013	Takehiko SHIODA	04/12/2013	Ryushin KAMETANI	04/12/2013		
Name	Execution Date												
Yasuteru KODAMA	04/12/2013												
Ryujiro FUJITA	04/12/2013												
Takehiko SHIODA	04/12/2013												
Ryushin KAMETANI	04/12/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>PIONEER CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shin-ogura, Saiwai-ku</td> </tr> <tr> <td>Internal Address:</td> <td>Kawasaki-shi</td> </tr> <tr> <td>City:</td> <td>Kanagawa</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>212-0031</td> </tr> </table>		Name:	PIONEER CORPORATION	Street Address:	1-1, Shin-ogura, Saiwai-ku	Internal Address:	Kawasaki-shi	City:	Kanagawa	State/Country:	JAPAN	Postal Code:	212-0031
Name:	PIONEER CORPORATION												
Street Address:	1-1, Shin-ogura, Saiwai-ku												
Internal Address:	Kawasaki-shi												
City:	Kanagawa												
State/Country:	JAPAN												
Postal Code:	212-0031												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13880881</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13880881								
Property Type	Number												
Application Number:	13880881												
CORRESPONDENCE DATA													
<p>Fax Number: 7036850573  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7035212297        Email: yreynolds@young-thompson.com        Correspondent Name: YOUNG &amp; THOMPSON        Address Line 1: 209 Madison Street        Address Line 2: Suite 500        Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	8127-1005												
NAME OF SUBMITTER:	Eric Jensen												

OP \$40.00 13880881

Signature:	/Eric Jensen/
Date:	04/22/2013
Total Attachments: 1 source=ASSMT#page1.tif	

## ASSIGNMENT

WHEREAS,

**Yasuteru KODAMA**  
**Ryujiro FUJITA**  
**Takehiko SHIODA**  
**Ryushin KAMETANI**

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

### MEASUREMENT APPARATUS AND METHOD

- (a) for which an application for a United States patent was filed on  
April 22, 2013, Application No. 13/880,881,
- (b) for which an application for a United States patent was executed on  
April 22, 2013,

WHEREAS, PIONEER CORPORATION,

whose address is 1-1 Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 2120031 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 12, April, 2013,

Yasuteru Kodama  
(signature) **Yasuteru KODAMA**

Date 12, April, 2013,

Ryujiro Fujita  
(signature) **Ryujiro FUJITA**

Date 12, April, 2013,

TAKEHIKO SHIODA  
(signature) **Takehiko SHIODA**

Date 12, April, 2013,

Ryushin Kametani  
(signature) **Ryushin KAMETANI**