

PATENT ASSIGNMENT

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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>Naoki NODA</td> <td>08/02/2012</td> </tr> <tr> <td>Toshio YOKOUCHI</td> <td>08/01/2012</td> </tr> <tr> <td>Masahiro ISHIMORI</td> <td>06/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Naoki NODA	08/02/2012	Toshio YOKOUCHI	08/01/2012	Masahiro ISHIMORI	06/07/2012		
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<table border="1"> <tr> <td>Name:</td> <td>PIONEER CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shin-ogura, Saiwai-ku, 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, Kawasaki-shi	City:	Kanagawa	State/Country:	JAPAN	Postal Code:	212-0031
Name:	PIONEER CORPORATION										
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<table border="1"> <tr> <td>Name:</td> <td>PIONEER MICRO TECHNOLOGY CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>465, Osato-cho, Kofu-shi</td> </tr> <tr> <td>City:</td> <td>Yamanashi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>400-0053</td> </tr> </table>		Name:	PIONEER MICRO TECHNOLOGY CORPORATION	Street Address:	465, Osato-cho, Kofu-shi	City:	Yamanashi	State/Country:	JAPAN	Postal Code:	400-0053
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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>13513055</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13513055						
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Application Number:	13513055										
CORRESPONDENCE DATA											
Fax Number:	7036850573										
Phone:	7035212297										
Email:	lconley@young-thompson.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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Address Line 1:	209 Madison Street										

OP \$40.00 13513055

Address Line 2: Suite 500
Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	8100-1037
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NAME OF SUBMITTER:	Eric Jensen
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Total Attachments: 2 source=ASSMT#page1.tif source=ASSMT#page2.tif
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ASSIGNMENT

WHEREAS, _____

 Naoki NODA

 Toshio YOKOUCHI

 Masahiro ISHIMORI

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in **METHOD OF BONDING SEMICONDUCTOR SUBSTRATE AND MEMS DEVICE**

- (a) for which an application for a United States patent was filed on May 31, 2012, Application No. 13/513,055,
- (b) for which an application for a United States patent was executed on _____,

WHEREAS, **PIONEER CORPORATION,**

whose address is **1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031 JAPAN,**

WHEREAS, **PIONEER MICRO TECHNOLOGY CORPORATION,**

whose address is **465, Osato-cho, Kofu-shi, Yamanashi 400-0053 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 2012/8/2, Naoki Noda
 (signature) Naoki NODA

Date AUG. 1, 2012, Toshio YOKOUCHI
 (signature) Toshio YOKOUCHI

Date 2012年6月7日

石村 昌弘
(signature) Masahiro ISHIMORI