

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>Yasuhiko MANO</td> <td>07/11/2013</td> </tr> <tr> <td>Kazuhiro YOSHIKAWA</td> <td>07/11/2013</td> </tr> <tr> <td>Takashi KARIYA</td> <td>07/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yasuhiko MANO	07/11/2013	Kazuhiro YOSHIKAWA	07/11/2013	Takashi KARIYA	07/11/2013		
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<table border="1"> <tr> <td>Name:</td> <td>IBIDEN Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1, Kandacho 2-chome</td> </tr> <tr> <td>City:</td> <td>Ogaki-shi, Gifu</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>503-8604</td> </tr> </table>		Name:	IBIDEN Co., Ltd.	Street Address:	1, Kandacho 2-chome	City:	Ogaki-shi, Gifu	State/Country:	JAPAN	Postal Code:	503-8604
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CORRESPONDENCE DATA											
Fax Number: 7034132220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (703) 413-3000 Email: mkassaye@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314											
ATTORNEY DOCKET NUMBER:	417829US53										
NAME OF SUBMITTER:	Mesfin Kassaye										
Signature:	/Mesfin Kassaye/										
Date:	07/31/2013										

OP \$40.00 13938637

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

Title of Invention	PRINTED WIRING BOARD AND METHOD FOR MANUFACTURING PRINTED WIRING BOARD
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input type="checkbox"/> The attached application, or</p> <p>is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>13/938,637</u> filed on <u>July 10, 2013</u></p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, <u>IBIDEN Co., Ltd.</u> (hereinafter referred to as "ASSIGNEES") having places of business at: <u>1, Kandacho 2-chome, Ogaki-shi, Gifu, 503-8604, Japan</u>, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;</p> <p>NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.</p> <p>Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	
LEGAL NAME OF INVENTOR	
Inventor: <u>Yasuhiko MANO</u>	Date: <u>2013/07/11</u>
Signature: <u><i>Yasuhiko Mano</i></u>	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR	
Inventor: <u>Takashi KARIYA</u>	Date: <u>2013/7/11</u>
Signature: <u>Takashi Kariya</u>	

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