

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>Tetsuo AMANO</td> <td>06/29/2012</td> </tr> <tr> <td>Toshio NISHIWAKI</td> <td>07/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tetsuo AMANO	06/29/2012	Toshio NISHIWAKI	07/03/2012				
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RECEIVING PARTY DATA											
<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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PROPERTY NUMBERS Total: 1											
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Application Number:	13535532										
CORRESPONDENCE DATA											
<p>Fax Number: 7034132220 Phone: (703) 413-3000 Email: mkassaye@oblon.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	396531US53										
NAME OF SUBMITTER:	Mesfin Kassaye										
Total Attachments: 2 source=396531US53ASSIGNMENT#page1.tif source=396531US53ASSIGNMENT#page2.tif											

OP \$40.00 13535532

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

INSERT TITLE OF
INVENTION:

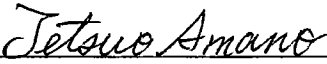
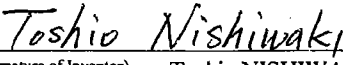
INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1, Kandacho 2-chome, Ogaki-shi, Gifu, Japan
503-8604 is desirous of acquiring 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;

I (WE) 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 ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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 (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>29/6/2012</u>	 (Signature of Inventor) Tetsuo AMANO
Date: <u>3/7/2012</u>	 (Signature of Inventor) Toshio NISHIWAKI

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