

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yasuaki TACHI</td> <td>09/09/2008</td> </tr> <tr> <td>Shigeki SAWA</td> <td>09/09/2008</td> </tr> <tr> <td>Toshiyuki KASUGA</td> <td>09/09/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yasuaki TACHI	09/09/2008	Shigeki SAWA	09/09/2008	Toshiyuki KASUGA	09/09/2008
Name	Execution Date								
Yasuaki TACHI	09/09/2008								
Shigeki SAWA	09/09/2008								
Toshiyuki KASUGA	09/09/2008								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	IBIDEN CO., LTD.								
<b>Street Address:</b>	1, Kandacho 2-chome								
<b>City:</b>	Ogaki-shi, Gifu								
<b>State/Country:</b>	JAPAN								
<b>Postal Code:</b>	503-0917								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12182745</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12182745				
Property Type	Number								
Application Number:	12182745								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(703)413-2220								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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<b>NAME OF SUBMITTER:</b>	Mesfin Kassaye								
<b>Total Attachments: 2</b> source=316375USAssignment#page1.tif source=316375USAssignment#page2.tif									

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**PATENT**

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**REEL: 021720 FRAME: 0873**



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 Letter 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, P.C. 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: 08.9.9

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(Signature of Inventor) Yasuaki TACHI

Date: 08.9.9

Shigeki Sawa  
(Signature of Inventor) Shigeki SAWA

Date: 08.9.9

Toshiyuki Kasuga  
(Signature of Inventor) Toshiyuki KASUGA

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

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(Signature of Inventor)

Date: \_\_\_\_\_

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