

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>Katsuhiko TANNO</td><td>05/28/2008</td></tr><tr><td>Youichirou KAWAMURA</td><td>05/30/2008</td></tr></tbody></table>	Name	Execution Date	Katsuhiko TANNO	05/28/2008	Youichirou KAWAMURA	05/30/2008	
Name	Execution Date						
Katsuhiko TANNO	05/28/2008						
Youichirou KAWAMURA	05/30/2008						
RECEIVING PARTY DATA							
Name:	IBIDEN CO., LTD.						
Street Address:	1, Kandacho 2-chome, Ogaki-shi						
City:	Gifu						
State/Country:	JAPAN						
Postal Code:	503-0917						
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>12093436</td></tr></tbody></table>	Property Type	Number	Application Number:	12093436			
Property Type	Number						
Application Number:	12093436						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	316374US40CONT						
NAME OF SUBMITTER:	Yuriko Stankich						
Total Attachments: 2 source=316374US-ASSIGNMENT#page1.tif source=316374US-ASSIGNMENT#page2.tif							

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REEL: 022023 FRAME: 0116

Assignment of Application

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WHEREAS, I (WE) Katsuhiko TANNO of c/o IBIDEN Co., Ltd. 1, Kitakata 1-chome, Ibigawacho, Ibi-gun, Gifu 501-0695 Japan
Youichirou KAWAMURA of c/o IBIDEN Co., Ltd. 1, Kitakata 1-chome, Ibigawacho, Ibi-gun, Gifu 501-0695 Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

INSERT TITLE
OF INVENTION:

_____, respectively,
have invented certain new and useful improvements in: METHOD FOR MANUFACTURING A PRINTED

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

WIRING BOARD

for which an application for Letters Patent was executed on

(Application No. PCT/JP2007/051274, filed January 26, 2007), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, IBIDEN Co., Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1, Kandacho 2-chome, Ogaki-shi,
Gifu 503-0917 Japan

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;

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 (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries 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.

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.

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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: 2008. 5. 28

Katsuhiko Tanno
(Signature of Inventor) Katsuhiko TANNO

Date: 2008. 5. 30

Yoshihiro Kawamura
(Signature of Inventor) Youichirou KAWAMURA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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

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