# 503855068 06/03/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3901717

SUBMISSION TYPE:		NEW ASSIGNMENT	
ATURE OF CONVEYA	NCE:	ASSIGNMENT	
CONVEYING PARTY D	ATA		
		Name	Execution Date
SHUNSUKE SAKAI			03/31/2016
TOSHIKI FURUTANI			03/31/2016
KOSUKE IKEDA			03/31/2016
TAKEMA ADACHI			03/31/2016
TAKAYUKI KATSUNO			03/31/2016
RECEIVING PARTY DA	 \TA		
Name:	-	N CO., LTD.	
Street Address:		ANDA-CHO	
City:	OGAK	I-SHI, GIFU	
State/Country:	JAPAN	J	
Postal Code:	503-86	604	
PROPERTY NUMBERS	S Total: 1	I	
Property Type		Number	
Application Number:		15084992	
CORRESPONDENCE I		(703)413-2220 o the e-mail address first; if that is unsud	accordul it will be cont
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		d; if that is unsuccessful, it will be sent v	
<i>using a fax number, if</i> Phone:		<i>d; if that is unsuccessful, it will be sent v</i> (703) 413-3000	
<i>using a fax number, if</i> Phone: Email:	provide	<i>d; if that is unsuccessful, it will be sent v</i> (703) 413-3000 vlam@oblon.com	
<i>using a fax number, if</i> Phone: Email: Correspondent Name:	provide	<i>d; if that is unsuccessful, it will be sent v</i> (703) 413-3000 vlam@oblon.com OBLON, ET AL.	
<i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	provide	<i>d; if that is unsuccessful, it will be sent v</i> (703) 413-3000 vlam@oblon.com OBLON, ET AL. 1940 DUKE STREET	
<i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	provide	<i>d; if that is unsuccessful, it will be sent v</i> (703) 413-3000 vlam@oblon.com OBLON, ET AL. 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314	
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<b>DECLARATION (37</b>	CFR 1.63) FOR UTILIT	Y OR DESIGN APPI	LICATION USING AN
APPLICATION DATA	SHEET (37 CFR 1.76) A	ND ASSIGNMENT F	OR SINGLE ASSIGNEE

Title of Invention	PRINTED WIRING BOARD AND METHOD FOR MANUFACTURING THE SAME
As the below n	amed inventor, I hereby declare that:
This declaratio	n 🔀 The attached application, or
is directed to:	United States application or PCT international application number
The above-ider	tified application was made or authorized to be made by me.
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS,	IBIDEN CO., LTD.
	ous of acquiring the entire right, title and interest in and to said invention and in and to any Letters y be granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, said ASSIGNE and in all forei other relevant interest in and possessions an	REFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto E, the full and exclusive right to the said invention in the United States and its territorial possessions gn countries (including the right to claim priority under the terms of the International Convention and International Treaties and Arrangements from the aforesaid application) and the entire right, title and to any and all Letters Patent which may be granted therefor in the United States and its territorial d in any and all foreign countries and in and to any and all divisions, reissues, continuations, and renewals thereof.
any and all for assignee of my (his) successor	horize and request the Patent Office Officials in the United States and its territorial possessions and eign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its s and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its (his) 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 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.

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 (S) years, or both.

# LEGAL NAME OF INVENTOR

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Signature: Shunsike Sakai

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

> PATENT REEL: 038800 FRAME: 0216

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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 SINGLE ASSIGNEE

Title of Invention	PRINTED WIRING BOARD AND METHOD FOR MANUFACTURING THE SAME
As the below n	amed inventor, I hereby declare that:
This declaratio	n 🔀 The attached application, or
is directed to:	United States application or PCT international application number
The above-ider	itified application was made or authorized to be made by me.
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS,	IBIDEN CO., LTD.
Japan, is desired	erred to as "ASSIGNEE") having places of business at: <u>2-1, Kanda-cho, Ogaki-shi, Gifu 503-8604</u> ous of acquiring the entire right, title and interest in and to said invention and in and to any Letters y be granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, said ASSIGNE and in all forei other relevant interest in and possessions ar	EREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto E, the full and exclusive right to the said invention in the United States and its territorial possessions gn countries (including the right to claim priority under the terms of the International Convention and International Treaties and Arrangements from the aforesaid application) and the entire right, title and to any and all Letters Patent which may be granted therefor in the United States and its territorial d in any and all foreign countries and in and to any and all divisions, reissues, continuations, and renewals thereof.
any and all for assignee of my (his) successor	thorize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its s and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and same would have been held by me had this Assignment and sale not been made.

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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.

LEGAL NAME OF INVENTOR

Inventor: Toshiki FURUTANI

oshik;

Date: 3/3 2016

Signature:

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

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Title of Invention		PRINTED WIRING BOARD	) AND	MEI	HOD	FOR	MAN	UFA	стл	RING	THE	
As the below nat	nec	l inventor, I hereby declare that:										
This declaration	$\boxtimes$	The attached application, or					* *					
is directed to:		United States application or PCT filed on	' interna	tional	applica	tion n	umber		<u></u>	88 	·····	<u>1000</u> 0
The above-identi	ifie	I application was made or authori:	ed to b	e mad	e by me	<b>.</b>						

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

#### WHEREAS, IBIDEN CO., LTD.

(hereinafter referred to as "ASSIGNEE") having places of business at: <u>2-1. Kanda-cho. Ogaki-shi. Gifu 503-8604</u> 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, 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 (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.

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 ASSIGNEE as the assignee of my 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 had this Assignment and sale not been made.

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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.

## LEGAL NAME OF INVENTOR

Inventor: Kosuke IKEDA

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Signature: Kosuke IKEDA.

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

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Title of Invention	PRINTED WIRING BOARD AND METHOD FOR MANUFACTURING THE SAME
As the below name	d inventor, I hereby declare that:
This declaration 🛛	] The attached application, or
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LEGAL NAME OF INVENTOR

Inventor: Takema ADACHI

Date: 31. Mar. 2016

Signature: 7

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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 SINGLE ASSIGNEE

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As the below named inventor, I hereby declare that:

This declaration 🔀 The attached application, or

is directed to: United States application or PCT international application number

filed on .

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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LEGAL NAME OF INVENTOR

Inventor: Takayuki KATSUNO

Date: 31, Maj 2016

Signature: Jakayuki KATSVNU

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

**RECORDED: 06/03/2016**