

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3581921

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	KOSUKE IKEDA	10/14/2015
	YUJI MORINAGA	10/14/2015
	OSAMU MATSUZAKI	10/14/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SHINDENGEN ELECTRIC MANUFACTURING CO., LTD.	
<b>Street Address:</b>	2-1, OHTEMACHI 2-CHOME, CHIYODA-KU	
<b>City:</b>	TOKYO	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	100-0004	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14786295	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(703)816-4100	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	703-816-4000	
<b>Email:</b>	PTOMAIL@nixonvan.com	
<b>Correspondent Name:</b>	NIXON & VANDERHYE, PC	
<b>Address Line 1:</b>	901 NORTH GLEBE ROAD, 11TH FLOOR	
<b>Address Line 4:</b>	ARLINGTON, VIRGINIA 22203	
<b>ATTORNEY DOCKET NUMBER:</b>	PTB-427-355	
<b>NAME OF SUBMITTER:</b>	PAUL T. BOWEN	
<b>SIGNATURE:</b>	/Paul T. Bowen/	
<b>DATE SIGNED:</b>	10/22/2015	
<b>Total Attachments: 2</b>		
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OSP-58399  
PO3698US  
US (O/A) 1/2

Attorney Docket Number	
First Named Inventor	Kosuke IKEDA

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT  
APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

☒ Declaration Submitted With Initial Filing

**OR**

☐ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)

SEMICONDUCTOR MODULE

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application,

**OR**

☒ United States Application Number or PCT International application number PCT/JP2014/077545  
filed on October 16, 2014

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

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

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.

WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.

WHEREAS, SHINDENGEN ELECTRIC MANUFACTURING CO., LTD. (hereinafter ASSIGNEE), a corporation of the Country of Japan, having an office  
and place of business at 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby  
acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal  
representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described  
in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions,  
reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the  
Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements  
to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to  
issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed  
that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to  
this invention;

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without  
further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S  
full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the  
filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

**AGREED and executed as noted below:**

**LEGAL NAME OF SOLE OR FIRST INVENTOR:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Kosuke

IKEDA

Inventor's Signature:

Kosuke Ikeda

Date:

October 14, 2015

Witnessed by:

Name:

Signature of witness:

Date:

[✓] Additional inventors are being named on the 1 supplemental sheet(s) PTO/AIA/10 attached hereto

(Page 1 of 1)

Note: PTO Rules state A person may not execute an oath or declaration for an application unless that person has reviewed  
and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all  
information known to the person to be material to patentability as defined in [37 CFR] § 1.56.

2314800

**PATENT**  
**REEL: 036857 FRAME: 0231**

OSP-58399  
P03698US

DOCKET NO. US(P/A)72

**SUPPLEMENTAL SHEET FOR DECLARATION**

**ADDITIONAL INVENTOR(S)**

Supplemental Sheet (for PTO/AIA/08/09)

(Page 2 of 2)

**Legal Name of Additional Joint Inventor, if any:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Yuji

MORINAGA

Inventor's  
Signature:

*Y. Morinaga*

Date:

October 14, 2015

Witnessed by:

Name:

Signature of witness:

Date:

**Legal Name of Additional Joint Inventor, if any:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Osamu

MATSUZAKI

Inventor's  
Signature:

*Osamu Matsuzaki*

Date:

October 14, 2015

Witnessed by:

Name:

Signature of witness:

Date:

**Legal Name of Additional Joint Inventor, if any:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Inventor's  
Signature:

Date:

Witnessed by:

Name:

Signature of witness:

Date:

2314800

RECORDED: 10/22/2015

**PATENT**  
**REEL: 036857 FRAME: 0232**