

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4717207

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MITSUMASA SASAKI	10/23/2017
RECEIVING PARTY DATA	
Name:	SHINDENGEN ELECTRIC MANUFACTURING CO., LTD.
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15576277
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ATTORNEY DOCKET NUMBER:	SHI004
NAME OF SUBMITTER:	RONALD C. HARRIS, JR.
SIGNATURE:	/Ronald C. Harris, Jr./
DATE SIGNED:	12/04/2017
Total Attachments: 1	
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ASSIGNMENT

WHEREAS, I, **Mitsumasa SASAKI**, ASSIGNORS, respectively citizens of **Japan**, respectively residing at c/o **SHINDENGEN ELECTRIC MANUFACTURING CO., LTD., Factory, 10-13, Minami-cho, Hanno-shi, Saitama 357-8585 Japan**, are the inventors of the invention in

SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE MOUNTING METHOD

, for which we have executed a PCT application for a Patent of the United States

- ☒ which is executed on ☐ even date herewith or ☒ November 21, 2017
☒ which is identified by Attorney docket no. **SHI004**
☒ which was filed on 11/21/2017, Application Ser. No. 15/576,277

and WHEREAS, **SHINDENGEN ELECTRIC MANUFACTURING CO., LTD., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan**, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

AND WE HEREBY grant the power to Ronald C. Harris, Jr. (Reg. No. 48,901) and any other registered practitioners listed under customer no. 50571 to insert on this Assignment any further identification that 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.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date October 23, 2017 Mitsumasa SASAKI L.S.
Mitsumasa SASAKI

Docket No. [ATTORNEY REF. NO.] **SHI004**
Joint Assignment