

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	05/19/2017
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Name	Execution Date
KOSUKE IKEDA	05/30/2018
OSAMU MATSUZAKI	05/30/2018
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Property Type	Number
Application Number:	16070267
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DATE SIGNED:	08/08/2018
Total Attachments: 2	
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Assignment of Ikeda and Matsuzaki
To SHINDENGEN ELECTRIC MANUFACTURING CO., LTD.

ASSIGNMENT

WHEREAS, we, Kosuke IKEDA of Hanno-shi, Japan, and Osamu MATSUZAKI of Hanno-shi, Japan, ("Assignors"), are the inventors of an invention entitled "ELECTRONIC MODULE, LEAD FRAME AND MANUFACTURING METHOD FOR ELECTRONIC MODULE" that is the subject matter of (check all that apply) :

- ☒ an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application No. PCT/JP2017/018826 filed on May 19, 2017;
- ☒ an application for Letters Patent which is identifiable in the Patent Office of the U.S. by Application No. 16/070,267 filed on July 13, 2018.
- U.S. Patent No. _____ filed on _____.

WHEREAS, SHINDENGEN ELECTRIC MANUFACTURING CO., LTD., a Corporation organized and existing under the laws of Japan ("Assignee"), and having offices at 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1000004 Japan is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection

- ☒ in the United States
☐ in all other countries or jurisdictions;

"NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged,

- a) Assignors agree to transfer, and
b) Assignors do hereby transfer,

to Assignee, its successors and assigns, effective as of May 19, 2017, *nunc pro tunc*, Assignors' entire right, title and interest in the above-named countries and jurisdictions in and to the following including the right to sue for past infringement: the invention, the above-identified applications, all applications from which any of the above-identified applications claim priority, corresponding U.S. and non-U.S. applications, any continuation, continuation-in-part, division, renewal, or substitute for the applications, all Letters Patent for the applications, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and Assignors authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

Assignors authorize the U.S. attorneys handling the above application(s) or patent(s) for the invention and the Assignee, its successors and assigns, to insert in this instrument the filing date(s), and application and patent number(s) when ascertained, for the above applications and patents and to insert any necessary missing titles. Assignors further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection in its own name if desired, in the above-named countries and jurisdictions and appoint Assignee the common representative in the above-identified international application and any international application for the invention.

Assignors represent to the Assignee, its successors and assigns, that Assignors shall not execute any writing or do any act whatsoever conflicting with this Assignment. Assignors, its executors or administrators, will at any time upon request, without additional consideration, but at the reasonable expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on

Assignment of Ikeda and Matsuzaki
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the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that Assignors, its executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, Assignors, our executors or administrators hereby authorize Assignee, its successors and assigns to act on Assignors' behalf.

If any provision of this Assignment is held unenforceable or in conflict with the law of any jurisdiction, the validity of the remaining provisions will not be affected by such holding and the part held unenforceable in or in conflict with the law of one jurisdiction will remain in effect for other jurisdictions until held unenforceable or in conflict with the law of that jurisdiction.

Kosuke Ikeda

Kosuke IKEDA
(Inventor / Assignor)

May 30, 2018

Date

Osamu Matsuzaki

Osamu MATSUZAKI
(Inventor / Assignor)

May 30, 2018

Date