

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4862659

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	02/20/2017
CONVEYING PARTY DATA	
Name	Execution Date
SOICHIRO UMEDA	09/12/2017
YUJI MORINAGA	09/12/2017
RECEIVING PARTY DATA	
Name:	SHINDENGEN ELECTRIC MANUFACTURING CO., LTD.
Street Address:	2-1, OHTEMACHI 2-CHOME
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1000004
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15753527
CORRESPONDENCE DATA	
Fax Number:	(323)934-0202
<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>	
Phone:	3239342300
Email:	la_mail@la.ladas.com
Correspondent Name:	LADAS & PARRY
Address Line 1:	5670 WILSHIRE BLVD
Address Line 2:	#2100
Address Line 4:	LOS ANGELES, CALIFORNIA 90036
ATTORNEY DOCKET NUMBER:	B-9256PCT 631073-8
NAME OF SUBMITTER:	DAIFEI ZHANG
SIGNATURE:	/Daifei Zhang-L0733/
DATE SIGNED:	03/12/2018
Total Attachments: 2	
source=631073_Assignment#page1.tif	
source=631073_Assignment#page2.tif	

ASSIGNMENT

WHEREAS, we Soichiro UMEDA of Saitama, Japan, and Yuji MORINAGA of Saitama, Japan, ("Assignors"), are the inventors of an invention entitled "ELECTRONIC DEVICE" that is the subject matter of: (check all that apply)

- ☐ a U.S. application for Letters Patent which claims the priority to Japanese Patent Application No. _____ filed on _____,
- ☒ an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application No. PCT/JP2017/006031 filed on February 20, 2017,
- ☒ an application for Letters Patent which is identifiable in the Patent Office of the U.S. by Application No. 15/753,527 filed on February 19, 2018;

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) we agree to transfer, and
b) we do hereby transfer,

to Assignee, its successors and assigns, effective as of February 20, 2017, *nunc pro tunc*, our 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, and substitute for the applications, all Letters Patent, 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 we 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.

We authorize the U.S. Attorneys handling the U.S. case for this matter and the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We 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.

We represent to the Assignee, its successors and assigns, that we shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time, upon request without additional consideration but at the 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 the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the

Assignment of Umeda and Morinaga
To SHINDENGEN ELECTRIC MANUFACTURING CO., LTD.

extent that we, our 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, we, our executors or administrators hereby authorize Assignee, its successors and assigns to act on our behalf.

If any provision(s) of this Assignment are 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.

Soichiro Umeda

Soichiro UMEDA

(Inventor / Assignor)

September 12, 2017

Date

~~~~~  
Yuji Morinaga

**Yuji MORINAGA**

(Inventor / Assignor)

September 12, 2017

**Date**  
~~~~~