503469705 09/08/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAOYA IMAI	07/29/2015
MASATAKA IKEDA	07/29/2015
YASUKAZU YAMAGUCHI	07/29/2015
HIROYUKI EGUCHI	08/07/2015
GO FUJIKAWA	08/07/2015

RECEIVING PARTY DATA

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City:	y: TOKYO	
State/Country:	JAPAN	
Name:	HONDA MOTOR CO., LTD.	
Name: Street Address:	HONDA MOTOR CO., LTD. 1-1, 2-CHROME, MINAMI-AOYAMA MINATO-KU	
	· ·	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14773316

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	B-8738PCT 630129-2
NAME OF SUBMITTER:	CLAIRE LEMIEUX
SIGNATURE:	/Claire Lemieux/
DATE SIGNED:	09/08/2015

PATENT REEL: 036511 FRAME: 0448

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Total Attachments: 3

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PATENT REEL: 036511 FRAME: 0449

ASSIGNMENT

WHEREAS, I/we Naoya IMAI of Hanno-Shi, Saitama-Ken, Japan, Masataka IKEDA of Hanno-Shi, Saitama-Ken, Japan, Yasukazu YAMAGUCHI of Hanno-Shi, Saitama-Ken, Japan, Hiroyuki EGUCHI of Wako-Shi, Saitama-Ken, Japan and Go FUJIKAWA of Wako-Shi, Saitama-Ken, Japan ("Assignor"), am/are the inventor(s) of an invention entitled "POWER SUPPLY DEVICE" that is the subject matter of: (check all that apply)

[x]	an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 14/773, 316 filed on September, 4, 2015
[x]	an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application No. <u>PCT/JP2013/058152</u> filed on <u>March 21, 2013</u> ,
[]	an application for Letters Patent which claims the priority of Application No;
existing Ku, Tol of <u>Japa</u> desirou	EAS, <u>SHINDENGEN ELECTRIC MANUFACTURING CO., LTD.</u> , a <u>corporation</u> organized and under the laws of <u>Japan</u> ("Assignee"), and having offices at <u>2-1, Ohtemachi 2-Chome, Chiyodakyo, Japan</u> and <u>HONDA MOTOR CO., LTD.</u> , a <u>corporation</u> organized and existing under the laws <u>in</u> ("Assignee"), and having offices <u>1-1, 2-Chome, Minami-Aoyama Minato-Ku, Tokyo, Japan</u> are so facquiring the entire right, title and interest in and to the invention, the applications, and any and
all Lefte	ers Patent or similar foreign or domestic legal protection

[x] 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) I/we agree to transfer, and
- b) I/we do hereby transfer,

to Assignee, its successors and assigns, effective as of <u>March 21, 2013</u> nunc pro tunc, my/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, division, renewal, or substitute for the applications, all Letters Patent, any reissue, reexamination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and I/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.

I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/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 any above-identified international application and any international application for the invention.

I/We represent to the Assignee, its successors and assigns, that I/we shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/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 extent that I/we, my/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, I/we, my/our executors or administrators hereby authorize Assignee, its successors and assigns to act on my/our behalf/behalves.

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 these jurisdictions.

Naoya Amai
Naoya IMAI
(Inventor / Assignor)
July 29, 2015 Date
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Masataka Ikeda
Masataka IKEDA
(Inventor / Assignor)
July 29, 2015 Date
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Yasukazu Yamaguchi

Yasukazu YAMAGUCHI

(Inventor / Assignor)

July 29, 2015

Hirogusi Eguchi
Hiroyuki EGUCHI
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Aug 7, 2015 Date
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Go Fujikawa
Go FUJIKAWA
(Inventor / Assignor)
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