

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYOUJI HIRONAKA	06/26/2015
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	471-8571
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14764399
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<b>ATTORNEY DOCKET NUMBER:</b>	Q220705
<b>NAME OF SUBMITTER:</b>	GUDRUN HARMON ASST. TO WILLIAM H. MANDIR
<b>SIGNATURE:</b>	/GUDRUN HARMON/
<b>DATE SIGNED:</b>	07/29/2015
<b>Total Attachments: 1</b>	
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TFA/30321-US

Docket No.

## Assignment

Whereas, I/we, Ryouji HIRONAKA of Gamagori-shi, Aichi-ken, Japan, hereinafter called assignor(s), have invented certain improvements in

VOLTAGE MEASURING APPARATUS WITH TEMPERATURE ABNORMALITY  
DETECTION FUNCTION AND POWER CONVERSION APPARATUS

and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (assignee), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/we, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/we hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known.

Date: June 26, 2015 Ryouji Hironaka  
s/ Ryouji HIRONAKA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)