

## 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>
TOSHIYUKI MIYASAKA	07/11/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FUJI ELECTRIC CO., LTD.
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<b>City:</b>	KAWASAKI-SHI,
<b>State/Country:</b>	JAPAN
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13978456
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<b>SIGNATURE:</b>	/Manabu KANESAKA/
<b>DATE SIGNED:</b>	06/23/2015
<b>Total Attachments: 1</b>	
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ASSIGNMENT

For value received, I, Toshiyuki MIYASAKA having post office addresses at c/o FUJI ELECTRIC CO., LTD., 1-1 Tanabeshinden, Kawasaki-ku, Kawasaki-shi 210-9530, Japan hereby sell, assign and transfer to FUJI ELECTRIC CO., LTD. corporation existing under the laws of Japan located at 1-1 Tanabeshinden, Kawasaki-ku, Kawasaki-shi 210-9530, Japan and its successors, assigns, and legal representatives the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SAME described in application for Letters Patent of the United States, Serial No. 13/978,456 Filed July 5, 2013 and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/We have full right so to do, and agree that I/We will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature

Toshiyuki Miyasaka  
Toshiyuki MIYASAKA

Date

July 11, 2013