

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2987596

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNOR ASSIGNS 50% TO ASSIGNEE	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DENSO CORPORATION	08/07/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TOYOTA JIDOSHA KABUSHIKI KAISHA	
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<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Patent Number:	8614483
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	01_2277	
<b>NAME OF SUBMITTER:</b>	THERESE B. VARNDELL	
<b>SIGNATURE:</b>	/Therese B. Varndell/	
<b>DATE SIGNED:</b>	08/19/2014	
<b>Total Attachments: 1</b>		
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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

**TOYOTA JIDOSHA KABUSHIKI KAISHA**  
1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

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as Co-Assignee, and its successors, assigns and legal representatives, an undivided fifty (50) percent interest of the right, title and interest, in the United States of America, to certain inventions known as

### INSULATED GATE SEMICONDUCTOR DEVICE

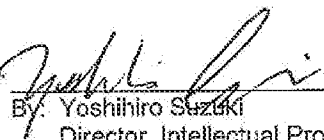
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described in application serial no. **13/313,050**, which issued as United States Patent No. **8,614,483 B2** on December 24, 2013. The undersigned agrees, when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing, maintaining and enforcing patents for said inventions and for vesting title thereto in said Co-Assignee.

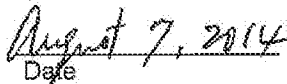
The undersigned authorize(s) and empower(s) said Co-Assignee to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application.

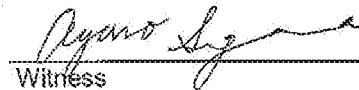
The undersigned also authorize(s) Posz Law Group, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.

**DENSO CORPORATION**

  
By: Yoshihiro Suzuki

Director, Intellectual Property Division  
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Authorized Agent of Original Assignee

  
Date

  
Witness