503832129 05/18/2016

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHINJI MIGITA	03/07/2016
HIROYUKI OTA	03/07/2016
KOICHI FUKUDA	03/07/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15031110

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1001-027-US
NAME OF SUBMITTER:	SOUMYA GOWRI SHANKAR
SIGNATURE:	/Soumya Gowri Shankar/
DATE SIGNED:	05/18/2016

Total Attachments: 3

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PATENT 503832129 REEL: 038636 FRAME: 0137

Attorney Docket No.: 1001-027-US

ASSIGNMENT

(Filed For Dual Purpose Under 37 CFR 1.63(e)) For National Phase Application with International Filing Date After September 16, 2012

The parties to this assignment are listed below and if there is more than one Assignor or Assignee, the words "Assignor" and "Assignee" shall include them:

- Assignor: Shinji Migita, having an address at c/o National Institute of Advanced Industrial Science and Technology, 16-1, Onogawa, Tsukuba-shi, Ibaraki 305-8569 Japan
- Assignor: <u>Hiroyuki Ota, having an address at c/o National Institute of Advanced Industrial Science and Technology, Tsukuba</u>
 <u>Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 Japan</u>
- Assignor: Koichi Fukuda, having an address at c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 Japan

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which is hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

Assignee: NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY having an address at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100 and for all other countries in the invention, and in all applications for patent or similar rights on the invention, including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), including any application(s) filed in any country based thereon, and including the right to file foreign applications under the provisions of any treaty or convention; and in all grants, such as Letters Patent, certificates, utility models, confirmations, extensions, reissues and reexamination certificates that may be granted in the United States and in all other countries on the invention, known as:

Title: FIELD-EFFECT TRANSISTOR

<u>-X</u> The specification of which is attached hereto.		
X_The specification of which was filed on	April 21, 2016	
as Application Serial No.	15/031,110	
and was amended on		(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

Assignor hereby assigns assignee(s) all priority rights to patent application(s) and/or issued patents:

Prior International Application No.: PCT/JP2014/071254

Prior Indian Provisional Application No.:

Assignor assigns to Assignee the right to enforce the Patent for infringement accrued prior to the effective date of this assignment. In those countries where permitted, the Assignor authorizes the Assignee to apply for patents for the invention directly in Assignee's name. Assignor authorizes the Commissioner of Patents and Trademarks or other governmental authority to issue all patents for the invention directly to Assignee. Assignor states that Assignor has the right to grant to Assignee the rights which are assigned by this assignment. Assignor agrees to and will sign any additional documents as may be needed to carry out the purpose of this assignment. This assignment is binding on all parties who lawfully succeed to the rights of or take the place of Assignor or Assignee.

The undersigned hereby grant(s) to the firm of Pergament & Cepeda LLP, 163 Madison Avenue, Suite 110, Morristown, New Jersey 07960, associated with Customer Number 83336, the power to insert on this assignment any further identification of the Patent which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office concerning recordation of this document.

PATENT REEL: 038636 FRAME: 0138

Attorney Docket No.: 1001-027-US

DECLARATION

As an above named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed an understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon

I hereby appoint all practitioners of Pergament & Cepeda LLP, 163 Madison Avenue, Suite 110, Morristown, New Jersey 07960, associated with Customer Number 83336 jointly and severally as my attorneys and/ or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

SIGNATURE(S)	DATE	TYPED OR PRINTED NAME(S)
左田 真司	Mar. /07/2016	Shinji Migita
First Inventor Signature		
Witness 遠藤 和 大	~~~~	Date Mar, 07/2016
Witness <u>る…)由代</u>		Date <u>Mar, 07/2016</u>
Second Inventor Signature	Har. 07, 2016	Hiroyuki Ota
Witness_ 支承元院		Date Mar. 07 /2016
Witness <u> </u>		Date Mar, 07/2016

Attorney Docket No.: 1001-027-US

和田	Fr -	Mar/07/2016	Koichi Fukuda
Third Invento	r Signature	· · · · · · · · · · · · · · · · · · ·	
Witness	浅井荣大	On Dodge Burgerson	Date Mar. /07/2016
Witness	1-20 17	<u> </u>	Date

This Assignment should be signed before: (a) a Notary Public Or (b) at least TWO (2) witnesses.

RECORDED: 05/18/2016