

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4095990

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RABINDRA N. DAS	11/16/2015
MARK A. GOUKER	11/16/2015
PASCALE GOUKER	11/16/2015
LEONARD M. JOHNSON	11/16/2015
RYAN C. JOHNSON	11/16/2015
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City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15303800
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	DALY, CROWLEY, MOFFORD & DURKEE, LLP
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Address Line 2:	SUITE 301A
Address Line 4:	CANTON, MASSACHUSETTS 02021-2714
ATTORNEY DOCKET NUMBER:	MIT-309AUS
NAME OF SUBMITTER:	CHRISTOPHER S. DALY
SIGNATURE:	/csd/
DATE SIGNED:	10/13/2016
Total Attachments: 6	
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ASSIGNMENT

Whereas we, the undersigned, Rabindra N. Das, Mark A. Gouker, Pascale Gouker, Leonard M. Johnson, and Ryan C. Johnson hereby have made certain inventions or discoveries (or both) set forth in an application filed under the Patent Cooperation Treaty (PCT) entitled: MULTI-LAYER SEMICONDUCTOR DEVICES FABRICATED USING A COMBINATION OF SUBSTRATE AND VIA STRUCTURES AND FABRICATION TECHNIQUES, identified as Attorney Docket No. MIT-309AWO, and Client Case No. 17465LK, which application was filed on November 5, 2015 and assigned PCT Application No. PCT/US2015/059181. In the event that the filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request the attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the filing date and/or Application No. of said application.

Whereas Massachusetts Institute of Technology, a Massachusetts Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said PCT Application, said Provisional application, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the empowered officials of all governments and/or all authorized entities to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

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5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment as an instrument on the date indicated next to our name(s).

Dated: 11-16-2015

Rabindra N. Das
Rabindra N. Das

Witnessed by:

Dated: 11-16-2015

Frank Schiavone
First Witness Signature

Frank Schiavone
First Witness Printed Name

Dated: 11-16-2015

Ryan Johnson
Second Witness Signature

Ryan Johnson
Second Witness Printed Name

PATENT ASSIGNMENT
Atty. Dckt. No.: MIT-309AWO
Client Case No.: 17465LK

Dated: 11-16-2015

Mark A. Gouker
Mark A. Gouker

Witnessed by:

Dated: 11/16/15

Jo Ann Isner
First Witness Signature

Jo Ann Isner
First Witness Printed Name

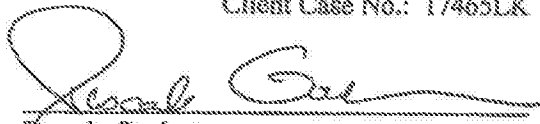
Dated: 11/16/15

Rabindra Das
Second Witness Signature

RABINDRA DAS
Second Witness Printed Name

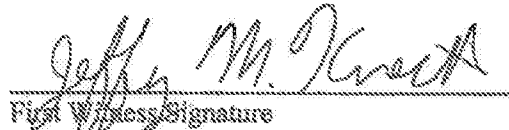
PATENT ASSIGNMENT
Atty. Dckt. No.: MIT-309AWO
Client Case No.: 17463LK

Dated: 11-16-2015


Pascale Gouker

Witnessed by:

Dated: 11/16/15


First Witness Signature

JEFFREY M. KNECHT
First Witness Printed Name

Dated: 11/16/15


Second Witness Signature

Dominick R. Pistone
Second Witness Printed Name

PATENT ASSIGNMENT
Atty. Dckt. No.: MIT-309AWO
Client Case No.: 17465LK

Dated: Nov 16, 2015

Leonard M. Johnson
Leonard M. Johnson

Witnessed by:

Dated: 11-16-2015

Justin Mallek
First Witness Signature

Justin Mallek
First Witness Printed Name

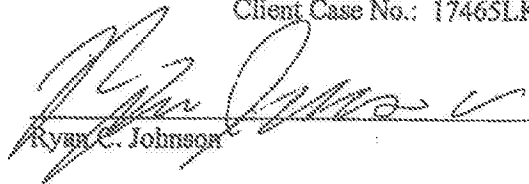
Dated: 11-16-2015

Rabin Das
Second Witness Signature

RABINDRA DAS
Second Witness Printed Name

PATENT ASSIGNMENT
Atty. Dckt. No.: MIT-309AWO
Client Case No.: 17465LK

Dated: 11/16/2015


Ryan C. Johnson

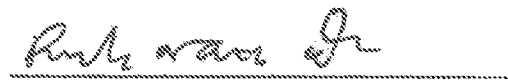
Witnessed by:

Dated: 11-16-2015


First Witness Signature

Frank Schiavone
First Witness Printed Name

Dated: 11-16-2015


Second Witness Signature

RABINDRA DAS
Second Witness Printed Name

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