

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3342849

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE LISTING previously recorded on Reel 035529 Frame 0526. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
TAKASHI ANDO	11/09/2012
EDUARD A. CARTIER	11/12/2012
KISIK CHOI	11/09/2012
VIJAY NARAYANAN	11/09/2012

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	10504
Name:	GLOBALFOUNDRIES INC.
Street Address:	MAPLES CORPORATE SERVICES LIMITED, PO BOX 309
Internal Address:	UGLAND HOUSE
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS
Postal Code:	KY1-1104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14699746

CORRESPONDENCE DATA

Fax Number: (631)844-0081

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.

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Email: jaclyn@tb-iplaw.com

Correspondent Name: TUTUNJIAN & BITETTO, P.C.

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ATTORNEY DOCKET NUMBER:	YOR920120325US4(896DIV3)
NAME OF SUBMITTER:	JAMES J. BITETTO
SIGNATURE:	/jjb/
DATE SIGNED:	05/07/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=YOR920120325US4_CorrectedAssignment#page1.tif source=YOR920120325US4_CorrectedAssignment#page2.tif source=YOR920120325US4_CorrectedAssignment#page3.tif source=YOR920120325US4_CorrectedAssignment#page4.tif	

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3332607

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKASHI ANDO	11/09/2012
EDUARD A. CARTIER	11/12/2012
KISIK CHOI	11/09/2012
VIJAY NARAYANAN	11/09/2012
RECEIVING PARTY DATA	
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	10504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14699746
CORRESPONDENCE DATA	
Fax Number:	(631)844-0081
<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>	
Phone:	6318440080
Email:	jaclyn@tb-iplaw.com
Correspondent Name:	TUTUNJIAN & BITETTO, P.C.
Address Line 1:	425 BROADHOLLOW ROAD
Address Line 2:	SUITE 302
Address Line 4:	MELVILLE, NEW YORK 11747
ATTORNEY DOCKET NUMBER:	YOR920120325US4(896DIV3)
NAME OF SUBMITTER:	JAMES J. BITETTO
SIGNATURE:	/jjb/
DATE SIGNED:	04/29/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3	

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: **METHOD TO IMPROVE RELIABILITY OF REPLACEMENT GATE DEVICE**

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

United States application or PCT international application number
filed on

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, **International Business Machines Corporation**, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM") and **GLOBALFOUNDRIES**, each desires to acquire an undivided right, title and interest in the said application and invention, and to any and all patent applications and patents (US and foreign) to be obtained therefor;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to **IBM** and **GLOBALFOUNDRIES** ("ASSIGNEES"), and to their respective successors and assigns as joint owners and not as owners in common, in accordance with the terms of the intellectual Property Agreement dated May 15, 2004 between **IBM Korea, Inc.** and **GLOBALFOUNDRIES**, the entire worldwide right, title and interest in the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents, and all rights of property resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to the ASSIGNEES (and to their respective successors and assigns) in joint ownership; and we hereby agree that the ASSIGNEES may jointly apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the ASSIGNEES.

In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any

foreign patent, granted for the invention, to the ASSIGNEES, their respective successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEES, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the invention and all related patents and applications, in the ASSIGNEES, their respective successors, legal representatives, and assigns, whenever requested by the ASSIGNEES, or their respective successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the ASSIGNEES and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the ASSIGNEES, their respective successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: **TAKASHI ANDO**

Signature: Takashi Ando Date: 11-9-2012

(2) Legal Name of Inventor: **EDUARD A. CARTIER**

Signature: Eduard A. Cartier Date: 11-12-2012

(3) Legal Name of Inventor: **KISIK CHOI**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **VIJAY NARAYANAN**

Signature: Vijay Narayanan Date: 11/9/12

foreign patent, granted for the Invention, to the ASSIGNEES, their respective successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEES, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEES, their respective successors, legal representatives, and assigns, whenever requested by the ASSIGNEES, or their respective successors, legal representatives, or assigns.

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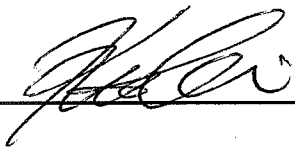
(1) Legal Name of Inventor: **TAKASHI ANDO**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **EDUARD A. CARTIER**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **KISIK CHOI**

Signature: _____  Date: 11/9/12

(4) Legal Name of Inventor: **VIJAY NARAYANAN**

Signature: _____ Date: _____