PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Cyril Cabral Jr.	07/08/2010
John M. Cotte	07/08/2010
Dinesh R. Koli	07/08/2010
Laura L. Kosbar	07/08/2010
Mahadevaiyer Krishnan	07/08/2010
Christian Lavoie	07/08/2010
Stephen M. Rossnagel	07/09/2010
Zhen Zhang	07/08/2010

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:	12833272	

CORRESPONDENCE DATA

501228073

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PATENT

REEL: 024658 FRAME: 0874

ATTORNEY DOCKET NUMBER:	YOR920100257US1
NAME OF SUBMITTER:	Cynthia L. Davis
Total Attachments: 9 source=42F8185#page1.tif source=42F8185#page2.tif source=42F8185#page3.tif source=42F8185#page4.tif source=42F8185#page5.tif source=42F8185#page6.tif source=42F8185#page7.tif	
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PATENT REEL: 024658 FRAME: 0875

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: IMPLANTLESS DOPANT SEGREGATION FOR SILICIDE CONTACTS

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: 12/833, 272 (insert series code and serial number here if/when available)

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned Inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, 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. 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 IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, 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 IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its 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 IBM 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 IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial 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.

[Inventor Signature Page(s) Follows]

Page 1 of 3

	Executed by Inventor 1
Signature: _	Date: Date:
	Executed by Inventor 2
Signature:) In M. Cotte Date: 7/8/2016
	Executed by Inventor 3
Signature: _	Dinesh R. Koli
seen eller mer op op fels de me h	Executed by Inventor 4
Signature: _	Joura L. Kosbar Date: 7/8/2010
and a successful and a	Executed by Inventor 5
Signature:	Date: Date:

Page 2 of 3

Executed by Inver	ntor 6
Signature: Kuntan acrose Christian Lavoie	_ Date:
Executed by Inven	ntor 7
Signature: Stephen M. Rossnagel Executed by Inven	Date:
Executed by Inven	ILOF 8
Signature: Zhen Zhang	_Date: 7/8/2010

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[Inventor Signature Page(s) Follows]

		Executed by Inventor 1	
Signature:	Gul Calmul Gyril Cabral Jr.	Date:	7/8/2010
		Executed by Inventor 2	
Signature:	John M. Cotte	Date:	
		Executed by Inventor 3	
Signature: _	Dinesh R. Koli	Date	
		Executed by Inventor 4	
Signature:	Laura L. Kosbar	Date	;
		Executed by Inventor 5	
Signature:	Mahadevaiyer Krisl	Date	p:

Page 2 of 3

	Executo	ea by inventor o	
Signature: _		Date:	
•	Christian Lavoie		
	_		
	Execute	ed by Inventor 7	
Signature:		Date:	
	Stephen M. Rossnagel		
	Execute	ed by Inventor 8	
Signature:		Date:	
-	Zhen Zhang		

ASSIGNMENT

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Serial Number: 12/833,072 (insert series code and serial number here if/when available)

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned Inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

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[Inventor Signature Page(s) Follows]

Page 1 of 3

		Executed by Inventor 1	
, ,		,	
Signature: .	Cyril Cahral Jr.	Date:	
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		Executed by Inventor 2	
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Signature: _	John M. Cotte	Date: _	
Addition and the Control of the Cont		Executed by Inventor 3	
Signature: _	Dinesh R. Koli	Date: _	07/08/10
		Executed by Inventor 4	
Signature: _	Laura L. Kosbar	Date: _	
		Executed by Inventor 5	
Signature: _	Jahadevaiger Kvi Mahadevaiger Krish		07 08 2010

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PATENT REEL: 024658 FRAME: 0883

	Executed	l by Inventor 6	· · · · · · · · · · · · · · · · · · ·
Signature: _	Christian Lavoie	Date:	
	Executed	by Inventor 7	
Signature: _	Camboo M. D.	Date:	
	Stephen M. Rossnagel		
***************************************	Executed	by Inventor 8	***************************************
Signature		Data	
.Jignature,	Zhen Zhang	Date:	

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PATENT REEL: 024658 FRAME: 0884