

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael J. Hartig</td> <td>09/01/2012</td> </tr> <tr> <td>Sivananda K. Kanakasabapathy</td> <td>09/05/2012</td> </tr> <tr> <td>Soon-Cheon Seo</td> <td>09/05/2012</td> </tr> <tr> <td>Raghavasimhan Sreenivasan</td> <td>09/05/2012</td> </tr> </tbody> </table>	Name	Execution Date	Michael J. Hartig	09/01/2012	Sivananda K. Kanakasabapathy	09/05/2012	Soon-Cheon Seo	09/05/2012	Raghavasimhan Sreenivasan	09/05/2012	
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Soon-Cheon Seo	09/05/2012										
Raghavasimhan Sreenivasan	09/05/2012										
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:	13608211										
CORRESPONDENCE DATA											
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Correspondent Name:	ROBERTS MLOTKOWSKI SAFRAN & COLE, P.C In										
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ATTORNEY DOCKET NUMBER:	FIS920120132US1										
NAME OF SUBMITTER:	H. Daniel Schnurmann										
Total Attachments: 2 source=FIS920120132US1_signedassign#page1.tif source=FIS920120132US1_signedassign#page2.tif											

CH \$40.00 13608211

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:

SEMICONDUCTOR PLURAL GATE LENGTHS

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: _____ (insert series code and serial number here if/when available)

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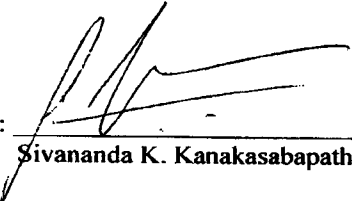
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[Inventor Signature Page(s) Follows]

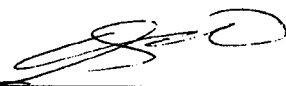
Executed by Inventor 1 of 4

Signature:  Date: 9/11/2012
Michael J. Hartig

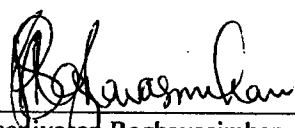
Executed by Inventor 2 of 4

Signature:  Date: 9/5/2012
Sivananda K. Kanakasabapathy

Executed by Inventor 3 of 4

Signature:  Date: Sept. 5, 2012
Soon-Cheon Seo

Executed by Inventor 4 of 4

Signature:  Date: 9/5/12
~~Sreenivasan Raghavasimhan~~
Raghavasimhan Sreenivasan