

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES WILLIAM ADKISSON	06/25/2014
MICHAEL P. CHUDZIK	06/26/2014
RENEE T. MO	06/25/2014
NAIM MOUMEN	08/20/2014
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	NEW ORCHARD ROAD
<b>City:</b>	ARMONK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8232612
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<b>ATTORNEY DOCKET NUMBER:</b>	BUR920070164US2
<b>NAME OF SUBMITTER:</b>	JACK P. FRIEDMAN - REG. NO. 44688
<b>SIGNATURE:</b>	/Jack P. Friedman/
<b>DATE SIGNED:</b>	08/21/2014
<b>Total Attachments: 8</b>	
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source=BUR920070164US2-assignment#page8.tif

**ASSIGNMENT**

Whereas, I, a below named and undersigned inventor, have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: SEMICONDUCTOR TRANSISTORS HAVING HIGH-K GATE DIELECTRIC LAYERS, METAL GATE ELECTRODE REGIONS, AND LOW FRINGING CAPACITANCES

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:

Application No.: 12/645,981; Patent No. 8,232,612

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 I desire to grant to IBM, my 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, I ("ASSIGNOR") hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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, my 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 me had this Assignment not been made; and I agree 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.

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(1) Name of Inventor: ~~James William Adkisson~~

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

*June 25, 2014*

(2) Name of Inventor: Michael P. Chudzik

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

(3) Name of Inventor: Renee T. Mo

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

(4) Name of Inventor: Naim Moumen

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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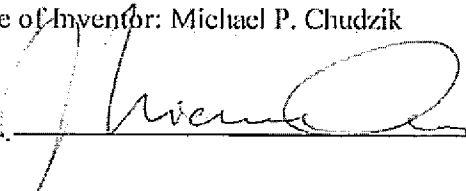
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Signature: \_\_\_\_\_

Date: \_\_\_\_\_

(2) Name of Inventor: Michael P. Chudzik

Signature:  \_\_\_\_\_

Date: 6/26/14

(3) Name of Inventor: Rence T. Mo

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

(4) Name of Inventor: Naim Mounen

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Signature: \_\_\_\_\_

Date: \_\_\_\_\_

(4) Name of Inventor: Naim Moumen

Signature: *Naim Moumen*

Date: 08/20/2014