

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Huiming Bu	06/08/2007
Eduard A. Cartier	06/05/2007
Bruce B. Doris	06/06/2007
Young-Hee Kim	06/05/2007
Barry Linder	06/05/2007
Vijay Narayanan	06/06/2007
Vamsi K. Paruchuri	06/06/2007
Michelle L. Steen	06/08/2007

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:	11763047

CORRESPONDENCE DATA

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CH \$40.00 11763047

ATTORNEY DOCKET NUMBER:	YOR920070148US1(21019)
NAME OF SUBMITTER:	Leslie S. Szivos/
<p>Total Attachments: 5</p> <p>source=YOR920070148US1_USAssignment#page1.tif</p> <p>source=YOR920070148US1_USAssignment#page2.tif</p> <p>source=YOR920070148US1_USAssignment#page3.tif</p> <p>source=YOR920070148US1_USAssignment#page4.tif</p> <p>source=YOR920070148US1_USAssignment#page5.tif</p>	

ASSIGNMENT

Whereas, we

Inventor and City	(1) Huiming Bu County of Westchester	City of Ossining and State of New York
and	(2) Eduard A. Cartier County of New York	City of New York and State of New York
and	(3) Bruce B. Doris County of Putnam	City of Brewster and State of New York
and	(4) Young-Hee Kim County of Westchester	City of Mohegan Lake and State of New York
and	(5) Barry Linder County of Westchester	City of Hastings-on-Hudson and State of New York
and	(6) Vijay Narayanan County of New York	City of New York and State of New York
and	(7) Vamsi K. Paruchuri County of Albany	City of Albany and State of New York
and	(8) Michelle L. Steen County of Fairfield	City of Danbury and State of Connecticut

have invented certain improvements in

CMOS TRANSISTORS WITH DIFFERENTIAL OXYGEN CONTENT HIGH-K DIELECTRICS

Dates That
Inventors
Signed the
Declaration

and have executed, respectively, a United States patent application therefor on

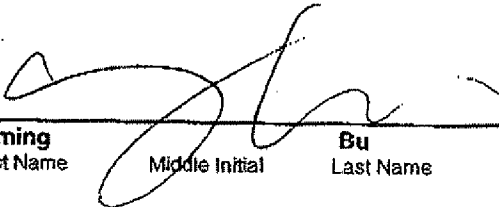
(1)	June 5,	2007, and (2)	June 5,	2007, and
(3)	June 6,	2007, and (4)	June 5,	2007, and
(5)	June 5,	2007, and (6)	June 6,	2007, and
(7)	June 6,	2007, and (8)	June 8,	2007.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may 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 IBM.

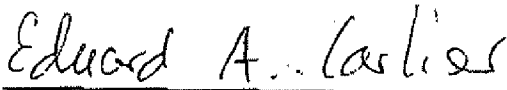
ASSIGNMENT

City (1) Signed at Yorktown Heights
Date on 06/08/2007



Huiming Bu
First Name Middle Initial Last Name signature

City (2) Signed at Yorktown Heights
Date on 06/05/2007




Eduard A. Cartier
First Name Middle Initial Last Name signature

City (3) Signed at
Date on


Bruce B. Doris
First Name Middle Initial Last Name signature

City (4) Signed at Yorktown Heights
Date on 6/5/07



Young-Hee Kim
First Name Middle Initial Last Name signature

City (5) Signed at Yorktown Heights, NY
Date on 6/5/07



Barry P. Linder
First Name Middle Initial Last Name signature

City (6) Signed at
Date on

Vijay Narayanan
First Name Middle Initial Last Name signature

City (7) Signed at
Date on

Vamsi K. Paruchuri
First Name Middle Initial Last Name signature

ASSIGNMENT

City (1) Signed at

Date on

Hulming Bu signature
First Name Middle Initial Last Name

City (2) Signed at

Date on

Eduard A. Cartier signature
First Name Middle Initial Last Name

City (3) Signed at Albany, NY

Date on 6/6/07

Bruce B. Doris signature
First Name Middle Initial Last Name

City (4) Signed at

Date on

Young-Hee Kim signature
First Name Middle Initial Last Name

City (5) Signed at

Date on

Barry Linder signature
First Name Middle Initial Last Name

City (6) Signed at

Date on

Vijay Narayanan signature
First Name Middle Initial Last Name

City (7) Signed at Albany

Date on 06/06/07

P. Vamsi Krishna signature
Vamsi K. Paruchuri
First Name Middle Initial Last Name

ASSIGNMENT

City (1) Signed at

Date on

Huiming Bu signature
First Name Middle Initial Last Name

City (2) Signed at

Date on

Eduard A. Cartier signature
First Name Middle Initial Last Name

City (3) Signed at

Date on

Bruce B. Doris signature
First Name Middle Initial Last Name

City (4) Signed at

Date on

Young-Hee Kim signature
First Name Middle Initial Last Name

City (5) Signed at

Date on

Barry Linder signature
First Name Middle Initial Last Name

City (6) Signed at YORKTOWN HEIGHTS

Date on June 6th, 2007

Vijay Narayanan signature
First Name Middle Initial Last Name

City (7) Signed at

Date on

Vamsi K. Paruchuri signature
First Name Middle Initial Last Name

City

Date

(B) Signed at Yorktown Heights, NY
on June 8, 2007

Michelle L. Steen signature
Michelle First Name L. Middle Initial Steen Last Name