

53

IBM Docket No.: YOR920020283US1
SSMP: 15954

ASSIGNMENT

Whereas, we

- Inventor and City (1) Cyril Cabral, Jr. City of Ossining and State of New York
County of Westchester
- and (2) Alessandro C. Callegari City of Yorktown Heights
County of Westchester and State of New York
- and (3) Michael A. Gribelyuk City of Poughquag
County of Dutchess and State of New York
- and (4) Paul C. Jamison City of Hopewell Junction
County of Dutchess and state of New York
- and (5) Dianne L. Lacey City of Mahopac
County of Putnam and State of New York
- and (6) Fenton R. McFeely City of Ossining
County of Westchester and State of New York
- and (7) Vijay Narayanan City of New York
County of New York and state of New York
- and (8) Deborah A. Neumayer City of Danbury
County of Fairfield and State of Connecticut
- and (9) Pushkar Ranade City of Hillsboro
County of Washington and State of Oregon
- and (10) Sufi Zafar City of Briarcliff Manor
County of Westchester and state of New York

have invented certain improvements in

Title DEPOSITION OF HAFNIUM OXIDE AND/OR ZIRCONIUM OXIDE AND
FABRICATION OF PASSIVATED ELECTRONIC STRUCTURES

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

Dates That Inventors Signed the Declaration	(1) (3) (5) (7) (9) <i>February 27, 2003</i>	2002, and (2) 2002, and (4) 2002, and (6) 2002, and (8) 2002, and (10)	2002, and 2002, and 2002, and 2002, and 2002.
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IBM Docket No.: YOR920020283US1
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ASSIGNMENT

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.

City (1) Signed at

Date on

_____			signature
(Cyril		Cabral, Jr.	) inventor
First Name	Middle Initial	Last Name	

City (2) Signed at

Date on

_____			signature
(Alessandro	C.	Callegari	) inventor
First Name	Middle Initial	Last Name	

City (3) Signed at

Date on

_____			signature
(Michael	A.	Gribelyuk	) inventor
First Name	Middle Initial	Last Name	

City (4) Signed at

Date on

_____			signature
(Paul	C.	Jamison	) inventor
First Name	Middle Initial	Last Name	

City (5) Signed at

Date on

_____			signature
(Dianne	L.	Lacey	) inventor
First Name	Middle Initial	Last Name	

City (6) Signed at

Date on

_____			signature
(Fenton	R.	McFeely	) inventor
First Name	Middle Initial	Last Name	

IBM Docket No.: YOR920020283US1
SSMP: 15954

ASSIGNMENT

City (7) Signed at

Date on

<hr/>			signature
(Vijay		Narayanan	) inventor
First Name	Middle Initial	Last Name	

City (8) Signed at


Date on

<hr/>			signature
(Deborah	A.	Neumayer	) inventor
First Name	Middle Initial	Last Name	

City (9) Signed at Hillsboro, OR

Date on February 27, 2003

<hr/>			signature
(Pushkar		Ranade	) inventor
First Name	Middle Initial	Last Name	



City (10) Signed at

Date on

<hr/>			signature
(Sufi		Zafar	) inventor
First Name	Middle Initial	Last Name	

ASSIGNMENT

Whereas, we

- | | | |
|----------------------|--|--|
| Inventor
and City | (1) Cyril Cabral, Jr.
County of Westchester | City of Ossining
and State of New York |
| and | (2) Alessandro C. Callegari
County of Westchester | City of Yorktown Heights
and State of New York |
| and | (3) Michael A. Grigoryuk
County of Dutchess | City of Poughkeepsie
and State of New York |
| and | (4) Paul C. Jamison
County of Dutchess | City of Hopewell Junction
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County of Fairfield | City of Danbury
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County of Washington | City of Hillsboro
and State of Oregon |
| and | (10) Sufi Zafar
County of Westchester | City of Briarcliff Manor
and state of New York |

have invented certain improvements in

**DEPOSITION OF HAFNIUM OXIDE AND/OR ZIRCONIUM OXIDE AND
FABRICATION OF PASSIVATED ELECTRONIC STRUCTURES**

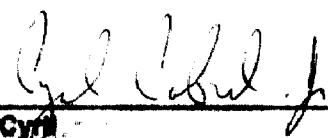
and have executed, respectively, a United States patent application therefor on


- | | | | | |
|-----|-----------|----------------|-----------|-----------|
| (1) | 2/18/2003 | 2002, and (2) | 2/14/2003 | 2002; and |
| (3) | 2/20/03 | 2002, and (4) | 2/18/03 | 2002, and |
| (5) | 2/18/03 | 2002, and (6) | 2/18/2003 | 2002, and |
| (7) | 2/18/03 | 2002, and (8) | 2/18/2003 | 2002, and |
| (9) | 2/14/03 | 2002, and (10) | 2/18/03 | 2002. |


ASSIGNMENT

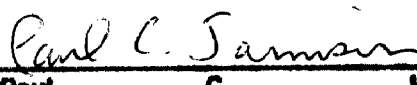
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10604, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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 herein 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.

City (1) Signed at Yorktown Heights
State on 2/18/2003 NY 10598

signature
(Gabriel Cabral, Jr.) inventor
First Name Middle Initial Last Name

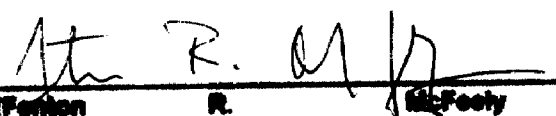
City (2) Signed at YORKTOWN HEIGHTS
State on 2/14/03 NY 10598

signature
(Alessandro C. Callegari) inventor
First Name Middle Initial Last Name

City (3) Signed at Fishkill, NY 12533
State on 2/20/03

signature
(Michael A. Gribelyuk) inventor
First Name Middle Initial Last Name

City (4) Signed at YORKTOWN HEIGHTS, NY
State on 2/10/03 10598

signature
(Paul C. Jamison) inventor
First Name Middle Initial Last Name

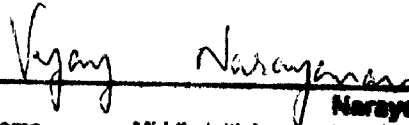
City (5) Signed at YORKTOWN HEIGHTS
State on 2/18/03 NY 10598

signature
(Dianne L. Lacey) inventor
First Name Middle Initial Last Name

City (6) Signed at Yorktown Heights
State on 2/18/03 NY 10598

signature
(Peter R. McFeely) inventor
First Name Middle Initial Last Name

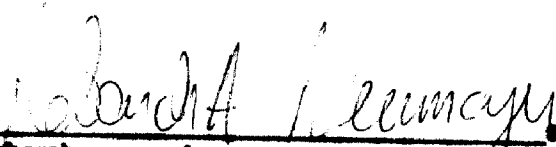
ASSIGNMENT

City (7) Signed at YORKTOWN HEIGHTS
State on 02/14/03 NY, 10598



(Vijay Narayanan) signature
First Name Middle Initial Last Name) inventor

City (8) Signed at Yorktown Heights
State on 2/18/03 NY 10598

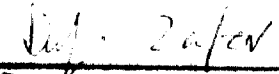


(Deborah A. Neumayer) signature
First Name Middle Initial Last Name) inventor

City (9) Signed at
State on

(Pushkar Ranade) signature
First Name Middle Initial Last Name) inventor

City (10) Signed at Yorktown Heights
State on 2/18/03 NY 10598



(Sufi Zafer) signature
First Name Middle Initial Last Name) inventor