

11-29-2000

Express Mail No.: EL046033535US



ET
IBM Docket No.: BUR9-1999-0279-US1
and original documents or copy thereof.

To the Honorable Commissioner of Pa

101530850

1. Name of conveying party(ies):
James W. Adkisson
Arne W. Ballantine
Ramachandra Divakaruni
Jeffrey B. Johnson
Erin C. Jones
Hon-Sum P. Wong
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
Name: **International Business Machines Corporation**
Street Address: **New Orchard Road**
City: **Armonk** State: **New York**
Zip Code: **10504**
Additional Name(s) & Address(es) attached?
 Yes No

36825 U.S. PTO
09/695199
10/24/00

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 10/11/00; 10/20/00; 10/04/00;
10/09/00; 10/13/00; and 10/20/00.

UND 10/24/00
09/695199

4. Application number(s) or patent number(s):
Title of Application: **MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS AND METHOD OF MAKING THE SAME**
If this document is being filed together with a new application, the execution date of the application is: 10/11; 10/20; 10/04; 10/09; 2000
10/13; and 10/20 / 2000
A. Patent Application No.(s) E. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party whom correspondence concerning document should be mailed:
Name: **DeLIO & PETERSON, LLC**
Street Address: **121 Whitney Avenue**
City: **New Haven** State: **CT**
Zip Code: **06510-1241**
Telephone Number: **203 787-0595**

6. Total number of applications and patents involved:.....[**1**]
7. Total Fee (37 CFR 3.41) **\$40.00**
 Enclosed
 Authorized to be charged to Deposit Account number below
 Any deficiencies in the enclosed fees
8. Assignee IBM Corporation Deposit Account Number:
09-0456

11/28/2000 AAHMED1 00000104 090456 09:35199
01 FE:581 40.00 CH

DO NOT USE THIS SPACE

9. Statement and Signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Eugene I. Shkurko _____
Name of Person Signing Signature Date 10/24/00
Registration No.: **36,678** Phone No.: **(802)769-8837**
Total number of pages including cover sheet, attachments, and document: **[3]**

ibmb100301000asgn2

PATENT
REEL: 011272 FRAME: 0172

ASSIGNMENT

Whereas, we

Inventor and
City

(1) **James W. Adkisson**
County of **Chittenden**

City of **Jericho**
and State of **Vermont**

and

(2) **Arne W. Ballantine**
County of **Putnam** *Arne W. Ballantine*

City of ~~Cold Spring~~ ^{Ariz} *Rome & Lake*
and State of **New York**

and

(3) **Ramachandra Divakaruni**
County of **Westchester**

City of **Somers**
and State of **New York**

and

(4) **Jeffrey B. Johnson**
County of **Chittenden**

City of **Essex Junction**
and State of **Vermont**

and

(5) **Erin C. Jones**
County of **Westchester**

City of **Tuckahoe**
and State of **New York**

and

(6) **Hon-Sum P. Wong**
County of **Westchester**

City of **Chappaqua**
and State of **New York**

Title

have invented certain improvements in
**MULTIPLE THRESHOLD VOLTAGE FET USING
MULTIPLE WORK-FUNCTION GATE MATERIALS
AND METHOD OF MAKING THE SAME**

Date That
Inventors
Signed the
Declaration

and have executed, respectively, a United States patent application therefor on
(1) October 11, 2000, and (2) October 26, 2000,
and (3) _____, 20____, and (4) October 9, 2000,
and (5) _____, 20____, and (6) _____, 20____.

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.

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IBM Docket No.: BUR9-1999-0279-US1

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and

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Date That
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Declaration

and have executed, respectively, a United States patent application therefor on
(1) _____, 20____, and (2) _____, 20____,
and (3) Oct. 4, 2000, and (4) _____, 20____,
and (5) _____, 20____, and (6) _____, 20____.

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;

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County of **Chittenden** City of **Jericho**
and State of **Vermont**
- and (2) **Arne W. Ballantine**
County of **Putnam** City of **Cold Spring**
and State of **New York**
- and (3) **Ramachandra Divakaruni**
County of **Westchester** City of **Somers**
and State of **New York**
- and (4) **Jeffrey B. Johnson**
County of **Chittenden** City of **Essex Junction**
and State of **Vermont**
- and (5) **Erin C. Jones**
County of **Westchester** City of **Tuckahoe**
and State of **New York**
- and (6) **Hon-Sum P. Wong**
County of **Westchester** City of **Chappaqua**
and State of **New York**

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MULTIPLE WORK-FUNCTION GATE MATERIALS
AND METHOD OF MAKING THE SAME**

Date That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on
(1) _____, 20 __, and (2) _____, 20 __,
and (3) _____, 20 __, and (4) October 9, 20 00,
and (5) October 13, 20 00, and (6) _____, 20 __.

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;

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- | | | |
|----------------------|---|--|
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City | (1) James W. Adkisson
County of Chittenden | City of Jericho
and State of Vermont |
| and | (2) Arne W. Ballantine
County of Putnam | City of Cold Spring
and State of New York |
| and | (3) Ramachandra Divakaruni
County of Westchester | City of Somers
and State of New York |
| and | (4) Jeffrey B. Johnson
County of Chittenden | City of Essex Junction
and State of Vermont |
| and | (5) Erin C. Jones
County of Westchester | City of Tuckahoe
and State of New York |
| and | (6) Hon-Sum P. Wong
County of Westchester | City of Chappaqua
and State of New York |

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Inventors
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Declaration and have executed, respectively, a United States patent application therefor on
(1) October 11, 2000, and (2) _____, 20____,
and (3) _____, 20____, and (4) October 9, 2000,
and (5) _____, 20____, and (6) October 20, 2000.

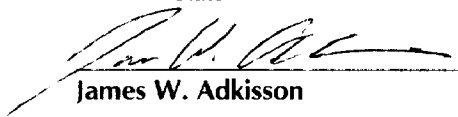
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

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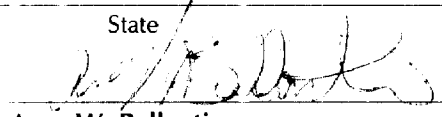
ASSIGNMENT (continued)

TITLE: MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS AND METHOD OF MAKING THE SAME

City (1) Signed at Essex Junction VT
City State

Date on October 11, 2000  signature
James W. Adkisson

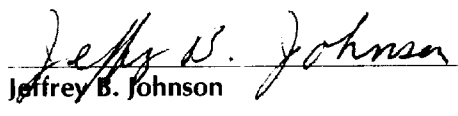
City (2) Signed at Bennington VT
City State

Date on October 11, 2000  signature
Arne W. Ballantine

City (3) Signed at _____
City State

Date on _____, 20____ signature
Ramachandra Divakaruni

City (4) Signed at Essex Junction Vermont
City State

Date on October 9, 2000  signature
Jeffrey B. Johnson

City (5) Signed at _____
City State

Date on _____, 20____ signature
Erin C. Jones

City (6) Signed at _____
City State

Date on _____, 20____ signature
Hon-Sum P. Wong

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ASSIGNMENT (continued)

TITLE: MULTIPLE THRESHOLD VOLTAGE FET USING MULTIPLE WORK-FUNCTION GATE MATERIALS AND METHOD OF MAKING THE SAME

City (1) Signed at _____
City State

Date on _____, 20__ signature
James W. Adkisson

City (2) Signed at _____
City State

Date on _____, 20__ signature
Arne W. Ballantine

City (3) Signed at E. Fishkill _____
City State New York

Date on Oct. 4, 2000 signature
Ramachandra Divakaruni

City (4) Signed at _____
City State

Date on _____, 20__ signature
Jeffrey B. Johnson

City (5) Signed at _____
City State

Date on _____, 20__ signature
Erin C. Jones

City (6) Signed at _____
City State

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Hon-Sum P. Wong

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City State

Date on _____, 20__ signature
Ramachandra Divakaruni

City (4) Signed at Essex Junction Vermont
City State

Date on October 9, 2000 signature
Jeffrey B. Johnson

City (5) Signed at Yonkstown Heights New York
City State

Date on October 13, 2000 signature
Erin C. Jones

City (6) Signed at _____
City State

Date on _____, 20__ signature
Hon-Sum P. Wong

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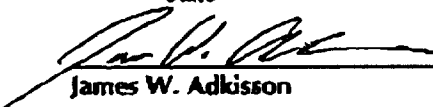
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City State

Date on October 11, 2000  signature
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City (2) Signed at _____
City State

Date on _____, 20____ _____ signature
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City (3) Signed at _____
City State

Date on _____, 20____ _____ signature
Ramachandra Divakaruni


City (4) Signed at Essex Junction Vermont
City State

Date on October 9, 2000  signature
Jeffrey B. Johnson

City (5) Signed at _____
City State

Date on _____, 20____ _____ signature
Erin C. Jones

City (6) Signed at Yorktown Heights NY
City State

Date on Oct 20, 2000  signature
Hon-Sum P. Wong

ibmb100301000asn1