

11-09-2000

PTO-1595

REC



HEET U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

10/11/00

101512269

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1 Name of conveying party(ies):

Cyril Cabral, Jr.  
Lawrence Clevenger  
Louis Lu-Chen Hsu  
Keith Kwong Hon Wong

3 Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other:  
Execution Date: September 6, 2000

2 Name and address of receiving party(ies):

International Business Machines Corporation  
Armonk, New York 10504

Additional name(s) & address(es) attached  Yes  No

10/11/00  
 09/686742  
 U.S. PTO

4 Application number(s) or patent number(s): 09/686742

If this document is being filed together with a new application, the execution date of the application is: 09-06-00

A. Patent Application No(s).

B. Patent No(s)

Additional numbers attached?  Yes  No

5 Name and address of party to whom correspondence concerning document should be mailed:

RANDY W. TUNG  
Tung & Associates  
838 W. Long Lake Road  
Suite 120  
Bloomfield Hills, Michigan 48302

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

8 Deposit Account Number: 50-0484

(Attach duplicate copy of this page if paying by deposit account)

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.*

Randy W. Tung  
Name of Person Signing  
Reg. No. 31,311

[Signature]  
Signature

October 11, 2000  
Date

Total number of pages including cover sheet, attachments, and document : 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

64,610-057

PATENT  
REEL: 011214 FRAME: 0758

**ASSIGNMENT**

Whereas, we

INVENTOR AND CITY	(1) CYRIL CABRAL, JR County of Westchester	of Ossining and State of New York
	and (2) LAWRENCE CLEVINGER County of Dutchess	of LaGrangeville and State of New York
	and (3) LOUIS LU-CHEN HSU County of Dutchess	of Fishkill and State of New York
	and (4) KEITH KWONG HON WONG County of Dutchess	of Wappingers Falls and State of New York

have invented certain improvements in

TITLE SEMICONDUCTOR STRUCTURE HAVING IN-SITU FORMED UNIT RESISTORS AND METHOD FOR FABRICATION

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

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

(1) 9/11/2000, and (2) 9/7/00  
(3) 9/6/2000, and (4) 9/7/00

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), is desirous 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 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 inventions 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.

Signed and sealed

CITY DATE 1) at Yorcktown Heights, NY  
 on 9/11/00 2,000 Cyril Cabral, Jr. (Signature)  
 CYRIL CABRAL, JR.  
 FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE and 2) at \_\_\_\_\_  
 on \_\_\_\_\_ 2,000 Lawrence Clevenger (Signature)  
 LAWRENCE CLEVINGER  
 FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE and 3) at \_\_\_\_\_  
 on \_\_\_\_\_ 2,000 Louis Lu-Chen Hsu (Signature)  
 LOUIS LU-CHEN HSU  
 FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE and 4) at East Fishkill, NY  
 on 9/7/00 2,000 Keith Kwong Hon Wong (Signature)  
 KEITH KWONG HON WONG  
 FIRST NAME MIDDLE INITIAL LAST NAME

State of New York )ss:  
 County of Westchester )

INVENTOR (1) On this 11th day of September 2000, before me personally came CYRIL CABRAL, JR. to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he/she acknowledged to me that he/she executed the same as his/her free act and deed.

Michelle Parra  
 Notary  
**MICHELLE PARRA**  
 Notary Public, State of New York  
 No. 01PA5089349  
 Qualified in Dutchess County  
 Commission Expires December 8, 2001

State of ~~Delaware~~ )ss:  
County of ~~Delaware~~ )

INVENTOR  
(2)

On this 17 day of September 2000, before me personally came  
LAWRENCE CLEVINGER to me personally known, and known to me  
to be the person described in and who executed the foregoing assignment,  
and he/she acknowledged to me that he/she executed the same as his/her free  
act and deed.

Linda L. Gray  
Notary  
LINDA L. GRAY  
Notary Public, State of New York  
No. 01GR5012090  
Qualified in Dutchess County  
Term Expires: 06/15/01

State of New York )ss:  
County of Dutchess )

INVENTOR  
(3)

On this 6<sup>th</sup> day of September 2000, before me personally came  
LOUIS LU-CHEN HSU to me personally known, and known to me to be  
the person described in and who executed the foregoing assignment, and  
he/she acknowledged to me that he/she executed the same as his/her free act  
and deed.

LINDA L. GRAY  
Notary Public, State of New York  
No. 01GR5012090  
Qualified in Dutchess County  
Term Expires: 06/15/01

Linda L. Gray  
Notary

State of New York )ss:  
County of Dutchess )

INVENTOR  
(4)

On this 11<sup>th</sup> day of September 2000, before me personally came  
KEITH KWONG HON WONG to me personally known, and known to me  
to be the person described in and who executed the foregoing assignment,  
and he/she acknowledged to me that he/she executed the same as his/her free  
act and deed.

Linda L. Gray  
Notary  
LINDA L. GRAY  
Notary Public, State of New York  
No. 01GR5012090  
Qualified in Dutchess County  
Term Expires: 06/15/01