

~~04-11-1998~~

10-22-1998

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3-31-98

To the Assistant Commissioner for Patent



100801688

thereof.
iving
JCS18 U.S. PTO
09/052403
03/31/98

1. Name of conveying party(ies):
1) Mark C. Hakey
2) Steven J. Holmes
3) David V. Horak
4) Wendell P. Noble, Jr.
Additional names of conveying party(ies) attached?
 yes no

Name: International Business Machines Corporation

Internal Address:

3. Nature of Conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 3/23/98, 3/23/98, 3/23/98, 3/24/98

A New York corporation

Street Address:
Old Orchard Road
City Armonk
State New York Zip 10504

Additional name(s) & address(es) attached? yes x no

4. Application number(s) or patent number(s):
Title: IMPROVED BORDERLESS WORDLINE FOR DRAM CELL AND METHOD FOR MAKING SAME
If this document is being filed together with a new application, the execution date of the application is 3/23/98, 3/23/98, 3/23/98, 3/24/98.
A. Patent Application No(s).
09052403
B. Patent No(s).
Additional numbers attached? Yes No

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

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Certificate of Mailing Under 37 CFR 1.10
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Maryann Luzzi 3/31/98
Name of Person Mailing paper Date
Maryann Luzzi
Signature

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):
\$ 40.00

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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.
Robert A. Walsh 3/30/98
Name of Person Signing Signature Date
Reg. No. 26,516 Tel: (802) 769-9521
Total number of pages comprising transmittal: 1

ASSIGNMENT

Whereas, I

Inventor and City (1) Mark C. Hakey City of Milton
County of Chittenden and State of Vermont

and

(2) Steven J. Holmes City of Milton
County of Chittenden and State of Vermont

and

(3) David V. Horak City of Essex Junction
County of Chittenden and State of Vermont

and

(4) Wendell P. Noble, Jr. City of Milton
County of Chittenden and State of Vermont

have invented certain improvements in

Title **IMPROVED BORDERLESS WORDLINE FOR DRAM CELL AND METHOD FOR MAKING SAME**

Date That and have executed, respectively, a United States patent application therefor on
Inventor
Signed the (1) 3/23 1998; and (2) 7/23 1998; and
Declaration (3) 23 Mar 1998; and (4) 3/24 1998

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 patent to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I 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 I request the Commissioner of Patents to issue and Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Essex Junction, VT.

City (1) Signed at _____

Date on 2/23/98

Mark C. Hakey Signature
(Mark C. Hakey)

City (2) Signed at Essex Junction, VT

Date on 3/23/98

Steven J. Holmes Signature
(Steven J. Holmes)

City (3) Signed at ESSEX JUNCTION, VT

Date on 2/23/98

David V. Horak Signature
(David V. Horak)

City (4) Signed at Milton, VT

Date on 3/24/98

Wendell P. Noble, Jr. Signature
(Wendell P. Noble, Jr.)