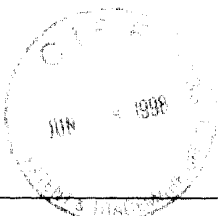


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ty. Docket No. **FI9-98-006**

R SHEET

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

1. Name of Conveying party(ies): **Kohji Hosokawa and Toshiaki Kirihata**

3. Nature of Conveyance: **Assignment**

Execution Date:  
**06/12/98, 06/12/98**

2. Name & address of receiving party(ies)

Name: **International Business  
Machines Corporation**

Street

Address: **Old Orchard Road**

City: **Armonk State: New York ZIP: 10504**

4. Application number(s) or patent number(s):

Title of Application: **INTRA-UNIT COLUMN ADDRESS INCREMENT SYSTEM FOR MEMORY**

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

A. Patent Application No(s).

Docket No. **FI9-98-006**

Serial No. **09/017,011**

Filed: **February 2, 1998**

B. Patent No(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Daryl K. Neff**

Street Address:

**IBM Corporation  
Intellectual Property Law Dept.  
Dept. 18G/Bldg. 300-482  
1580 Route 52  
Hopewell Junction, NY 12533-6531**

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 A/C no.: **09-0458 (FI-276)**  
(Attach duplicate copy of this page  
if paying by deposit account)

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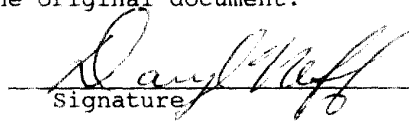
9. Statement of signature:

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.

**Daryl K. Neff, Reg. No. 38,253**

Name of Person Signing

Telephone No. (914) 894-3664


  
Signature

6/16/98  
Date

Total number of pages, including cover sheet, attachments, and document 3

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

JUNE 16, 1998  
DATE OF DEPOSIT

  
ROBINANN ZENG

SIGNATURE AND DATE

PATENT

REEL: 9302 FRAME: 0110

## ASSIGNMENT

WHEREAS, we

(1) Kohji Hosokawa  
County of Chittenden

of South Burlington  
and State of Vermont

and (2) Toshiaki Kirihata  
County of Dutchess

of Poughkeepsie  
and State of New York

have invented certain improvements in  
INTRA-UNIT COLUMN ADDRESS INCREMENT SYSTEM FOR MEMORY

and executed a United States patent application therefor on:  
(dates that Inventors signed the declaration)

(1) 6/12/ 1998 , and

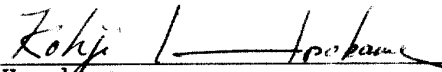
(2) 1998 , and

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, 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 the 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 any 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.

Signed and sealed  
(city and date)

(1) at Burlington, VT  
on 6/12/ 1998,

  
Kohji Hosokawa

(2) at East Fishkill  
on 1998,

\_\_\_\_\_  
Toshiaki Kirihata

## ASSIGNMENT

WHEREAS, we

(1) Kohji Hosokawa  
County of Chittenden

of South Burlington  
and State of Vermont

and (2) Toshiaki Kirihata  
County of Dutchess

of Poughkeepsie  
and State of New York

have invented certain improvements in  
INTRA-UNIT COLUMN ADDRESS INCREMENT SYSTEM FOR MEMORY

and executed a United States patent application therefor on:  
(dates that Inventors signed the declaration)

(1) 1998 , and

(2) 6/12 1998 , and

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, 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 the 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 any 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.

Signed and sealed  
(city and date)

(1) at Burlington, VT  
on 1998,

Kohji Hosokawa

(2) at East Fishkill  
on 6/12 1998,

Toshiaki Kirihata