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06-19-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



101383755

Tab settings

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

1. Name of conveying party(ies):  
**Wayne F. Ellis, Louis L. Hsu, Brian L. Ji, Yujun Li**

2. Name and address of receiving party(ies):

Name: **International Business Machines Corporation**

Internal Address:

Street Address: **New Orchard Road**

City: **Armonk** State: **NY** ZIP: **10504**

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

Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: **5/22; 5/17; 5/23; 5/22/2000**

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **5/22;5/17;5/23;5/22/00**

A. Patent Application No.(s) **09/579749**

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: **Steven Capella, Attorney, Reg. No. 33,086**

Internal Address: **International Business Machines Corporation**

Street Address: **2070 Route 52**

City: **Hopewell Junction** State: **NY** ZIP: **12533**

6. Total number of applications and patents involved: **1**

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

**09-0458 FI-200**

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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.

**Steven Capella, Reg. No. 33,086**

**May 26, 2000**

Name of Person Signing

Signature

**5**

Date

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

# ASSIGNMENT

WHEREAS, we

- (1) **Wayne F. Ellis** of Jericho  
County of Chittenden State of Vermont  
and
- (2) **Louis L. Hsu** of Fishkill  
County of Dutchess State of New York  
and
- (3) **Brian L. Ji** of Fishkill  
County of Dutchess State of New York  
and
- (4) **Yujon Li** *Y. Li 05/22/00* of Poughkeepsie  
County of Dutchess State of New York

and

have invented certain improvements in

## **MULTI-GENERATOR, PARTIAL ARRAY Vt TRACKING SYSTEM TO IMPROVE ARRAY RETENTION TIME**

and executed a United States patent application therefor on:

(dates that Inventors signed the declaration)

- (1) \_\_\_\_\_, 2000 AND (2) 5-17, 2000,
- (3) 5-23, 2000 AND (4) 5-22, 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;

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

(1) at \_\_\_\_\_  
on \_\_\_\_\_, 2000,

\_\_\_\_\_  
**Wayne F. Ellis**

and  
(2) at East Fishkill, NY

on May 17, 2000

\_\_\_\_\_  
**Louis L. Hsu**

(3) at East Fishkill, NY  
on May 23, 2000

\_\_\_\_\_  
**Brian L. Ji**

(4) at East Fishkill, NY  
on May 22nd, 2000

\_\_\_\_\_  
**Yujon Li**

# ASSIGNMENT

WHEREAS, we

(1) **Wayne F. Ellis**  
County of Chittenden  
and

of Jericho  
State of Vermont

(2) **Louis L. Hsu**  
County of Dutchess  
and

of Fishkill  
State of New York

(3) **Brian L. Ji**  
County of Dutchess  
and

of Fishkill  
State of New York

(4) **Yujon Li**  
County of Dutchess

of Poughkeepsie  
State of New York

and

have invented certain improvements in

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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 *Essey J. Li, UT*

(1) at

on May 22, 2000,

and

(2) at East Fishkill, NY

on \_\_\_\_\_, 2000

(3) at East Fishkill, NY

on \_\_\_\_\_, 2000

(4) at East Fishkill, NY

on \_\_\_\_\_, 2000

*Wayne F. Ellis*  
**Wayne F. Ellis**

\_\_\_\_\_  
**Louis L. Hsu**

\_\_\_\_\_  
**Brian L. Ji**

\_\_\_\_\_  
**Yujon Li**