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Patent and Trademark Office

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Tab settings

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

1. Name of conveying party(ies):

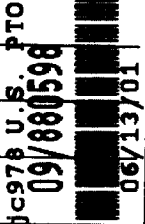
Wayne F. Ellis John A. Fifield Louis L. Hsu

MRU
~~6-13-01~~
6-13-01

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

Name: International Business Machines Corporation

Address: New Orchard Road



City: Armonk State/Prov.: NY

Country: USA ZIP: 10504

Additional name(s) & address(es) 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: 6/11; 6/11, 6/6/01

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: 6/11; 6/11; 6/6/01

Patent Application No. Filing date

09880598

B. Patent No.(s)

Additional numbers Yes No

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

Name: John A. Merecki

Registration No.

Address: Schmeiser, Olsen & Watts

3 Lear Jet Lane, Suite 201

City: Latham State/Prov.: NY

Country: USA ZIP: 12110

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(IBM) FI-327

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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.

Daryl K. Neff, Reg. 38,253

Name of Person Signing

Signature

Date

6

Total number of pages including cover sheet, attachments, and

ASSIGNMENT

Whereas, We

(1) Wayne F. Ellis
County of Chittenden

City of Jericho
and State of Vermont

(2) John A. Fifield
County of Chittenden

City of Underhill
and State of Vermont

(3) Louis L. Hsu
County of Dutchess

City of Fishkill
and State of New York

have invented certain improvements in a:

TIMING CIRCUIT AND METHOD FOR A COMPILABLE DRAM


Dates That and executed, respectively, a United States patent application therefor on
Inventors

Signed the (1) 6/11 2001; (2) 6/11 2001; and
Declaration (3) 2001.

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, 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 applications 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.

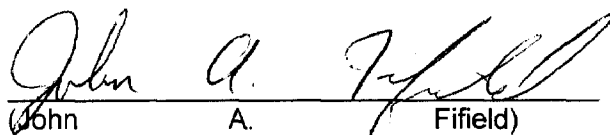
(1) at Essex Junction
on June 11, 2001



(Wayne F. Ellis)
First Name Middle Last Name

Signature
Inventor

(2) at Essex Jct
on 6/11 2001

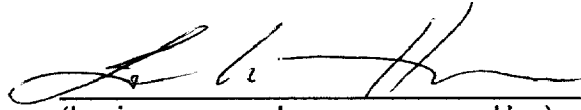


(John A. Fifield)
First Name Middle Last Name

Signature
Inventor

ASSIGNMENT

(3) at *E. Fishkill*
on *6/6* 2001



(Louis L. Hsu)
First Name Middle Last Name

Signature
Inventor

ASSIGNMENT

Whereas, We

(1) Wayne F. Ellis
County of Chittenden

City of Jericho
and State of Vermont

(2) John A. Fifield
County of Chittenden

City of Underhill
and State of Vermont

(3) Louis L. Hsu
County of Dutchess

City of Fishkill
and State of New York

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Dates That	and executed, respectively, a United States patent application therefor on	
Inventors		
Signed the	(1) <i>June 6</i> 2001; (2)	2001; and
Declaration	(3) <i>June 6</i> 2001.	

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, 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 applications 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.

(1) at		_____			Signature
on	2001	(Wayne	F.	Ellis)	Inventor
		First Name	Middle	Last Name	

(2) at		_____			Signature
on	2001	(John	A.	Fifield)	Inventor
		First Name	Middle	Last Name	

ASSIGNMENT

(3) at
on

2001

(Louis	L.	Hsu)
First Name	Middle	Last Name

Signature
Inventor