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101001380

COVER SHEET U.S. DEPARTMENT OF COMMERCE

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

1. Name of conveying party(ies):

Albert CHU
John A. FIFIELD
Jason E. ROTELLA



Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: January 21, 1999

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address: _____

Street Address: _____

City: Armonk State: NY ZIP: 10504

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

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

If this document is being filed together with a new application, the execution date of the application is: March 17, 1999

A. Patent Application No.(s)

09/239,487

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Elsa Keller

Internal Address: _____

Siemens Corporation

Intellectual Property Department

Street Address: 186 Wood Avenue South

City: Iselin State: NJ ZIP: 08830

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 No.

19-2179

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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.

04/05/1999 DNGUYEN 00000073 192179 09239487

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Stanton C. Braden

Name of Person Signing

Reg. No. 32,556

[Signature]
Signature

March 26, 1999

Date

Total number of pages including cover sheet, attachments, and document: 2

PATENT
REEL: 9853 FRAME: 0185

ASSIGNMENT

WHEREAS, I

- (1) **Albert M. CHU** of Essex,
County of Chittenden and State of Vermont
- (2) **John A. FIFIELD** of UNDERHILL,
County of CHITTENDEN and State of Vermont
- (3) **Jason E. ROTELLA** of W.therbee,
County of Essex and State of New York

have invented certain improvements in **DELAY-LOCKED-LOOP (DLL) HAVING SYMMETRICAL RISING AND FALLING CLOCK EDGE TYPE DELAYS**

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

(1) 1/21/99; (2) 1/21/99; and (3) 1/21/99

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 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 1/21 1999

Albert M. Chu
Albert M. CHU

(2) at Burlington, VT
on 1/21 1999

John A. Fifield
John A. FIFIELD

(3) at Burlington, VT
on 1/21 1999

Jason E. Rotella
Jason E. ROTELLA