

04-25-2001



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LOUIS L. HSU; RAJIV V. JOSHI; and  
JOHN A. FIFIELD

33001

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

2. Name and address of receiving party(ies)

Name: IBM CORPORATION

Internal Address: \_\_\_\_\_

Street Address: New Orchard Road

City: Armonk State: NY Zip: 10504

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3. Nature of conveyance:

- Assignment
- Security Agreement
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- Change of Name
- Other

Execution Date(s): January 30, 2001 and February 6, 2001

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: \_\_\_\_\_

A. Patent Application No.(s) 09/755,860

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

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

Name: Paul J. Farrell, DILWORTH & BARRESE

Internal Address: \_\_\_\_\_

Street Address: 333 Earle Ovington Boulevard

City: Uniondale State: NY Zip: 11553

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

7. Total fee (37 CFR 3.41) . . . . . \$ 40.00  
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Authorized to be charged to deposit account

8. Deposit account number: 50-0510 (IBM - Yorktown Heights)  
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Reg. No. 33,494  
Paul J. Farrell, Esq.  
Name of Person Signing

Signature

3/28/01  
Date

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PATENT

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  U.S. Patent  
By:  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(S):       **LOUIS L. HSU; RAJIV V. JOSHI; and  
                          JOHN A. FIFIELD**

(Inventor(s) or  
person(s) or entity(es)  
who own the invention)

(If assignment is by person or entity to whom invention was previously assigned and this  
was recorded in PTO add the following)

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

**International Business Machines Corporation**  
(Type or print name of ASSIGNEE)

**New Orchard Road**  
Address

**Armonk, New York 10504**

**U.S.A.**  
Nationality

(Assignment of Invention [16-3]-- page 1 of 3)

and the successors, assigns and legal representatives of the ASSIGNEE  
(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**TEMPERATURE PROGRAMMABLE TIMING DELAY SYSTEM**

(check and complete (a), (b), (c) or (d))

and which is found in

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
(c)  U.S. application Serial No. 09/755,860  
filed on January 5, 2001  
(d)  U.S. provisional application No. 60/\_\_\_\_\_  
filed on \_\_\_\_\_  
(e)  U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_  
(f)  PCT application No. \_\_\_\_\_  
filed on \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

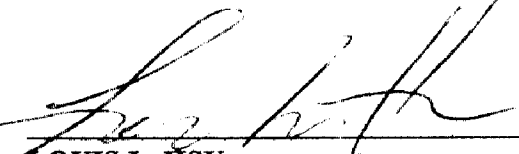
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

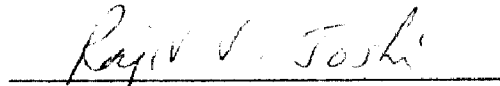
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this \_\_\_\_\_  
(Date of signing).

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

  
\_\_\_\_\_  
LOUIS L. HSU

1-30-2001  
\_\_\_\_\_  
Dated

  
\_\_\_\_\_  
RAJIV V. JOSHI

2/06/2001  
\_\_\_\_\_  
Dated

\_\_\_\_\_  
JOHN A. FIFIELD

\_\_\_\_\_  
Dated

\_\_\_\_\_

\_\_\_\_\_  
Dated

\_\_\_\_\_

\_\_\_\_\_  
Dated

If ASSIGNOR is a legal entity complete the following information

\_\_\_\_\_  
Type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this \_\_\_\_\_  
(Date of signing).

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

\_\_\_\_\_  
LOUIS L. HSU

\_\_\_\_\_  
Dated

\_\_\_\_\_  
RAJIV V. JOSHI

\_\_\_\_\_  
Dated

  
\_\_\_\_\_  
JOHN A. FIFIELD

\_\_\_\_\_  
1-30-01

\_\_\_\_\_  
Dated

\_\_\_\_\_  
Dated

\_\_\_\_\_  
Dated

If ASSIGNOR is a legal entity complete the following information

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(Assignment of Invention [16-3]-- page 3 of 3)