

05-21-2001

Form PTO 1595

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LOUIS L. HSU and RAJIV V. JOSHI

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

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

3. Nature of conveyance:

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

Execution Date(s): March 29, 2001 and April 22, 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) 09/835,732

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
☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0510 (IBM - Yorktown Heights)
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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; and RAJIV V. JOSHI**

(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)

PATENT
REEL: 011805 FRAME: 0076

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:

T-RAM STRCTURE HAVING DUAL VERTICAL DEVICES
AND METHOD FOR FABRICATING THE SAME

(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. 09/835,732
filed on April 16, 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.

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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.

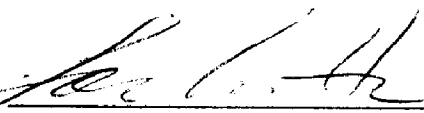
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

(Assignment of Invention [16-3]-- page 2 of 3)

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

3-29-2001

Dated

RAJIV V. JOSHI

Dated

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.

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

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

RAJIV V. JOSHI

April 22, 2001

Dated

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.

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