

07-20-2000

Docket No.: 1351827-0032

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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U.S. DEPARTMENT OF COMMERCE
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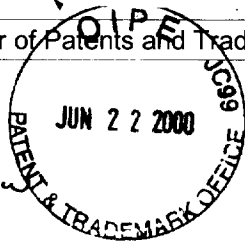
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

CHEN, Lidong
ACHYUTHEN, Arun
WU, John

6.22.



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

Name: Mosaid Technologies IncorporatedInternal Address: 11 Hines RoadKanata, Ontario K2K 2X1 CANADAAdditional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherStreet Address: Same as above

City: _____ State: _____ ZIP: _____

Execution Date: July 1997Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: _____

A. Patent Application No.(s)

09/348,314

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kevin PillayInternal Address: Fasken Martineau DuMoulin LLP4200, Toronto Dominion Bank TowerBox 20, Toronto-Dominion Centre, Toronto, OntarioStreet Address: M5K 1N6 CANADAas above

City: _____ State: _____ ZIP: _____

6. Total number of applications and patents involved: 17. 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: _____

07/19/2000 NTHAI1 00000264 09348314

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40.00 DP

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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.

Kevin Pillay

Name of Person Signing

Signature

June 21, 2000

Date

Total number of pages including cover sheet, attachments, and document: 1

PATENT
REEL: 010920 FRAME: 0585

07-01-1999

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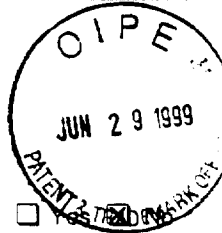
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Lidong CHEN
Arun ACHYUTHEN
John WU



Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

6.29.99

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherE. Execution Date: July 1997

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

Name: Mosaid Technologies IncorporatedInternal Address: 11 Hines Road, Kanata, OntarioK2K 2X1, CanadaStreet Address: same as above

City: _____ State: _____ ZIP: _____

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

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: _____

A. Patent Application No.(s)

08/904,153

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kevin Pillay Reg. No. 41,559Internal Address: Orange Chari PillayP.O. Box 190, Suite 3600, Toronto Dominion Bank Tower,Toronto Dominion Centre, Toronto, Ontario M5K 1H6Street Address: CANADAsame as above

City: _____ State: _____ ZIP: _____

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:

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.

Kevin Pillay

Name of Person Signing

Signature

June 28, 1999

Date

Total number of pages including cover sheet, attachments, and document: 4

PATENT

REEL: 010920 FRAME: 0586

ASSIGNMENT

WHEREAS, we,

Lidong CHEN, Arun ACHYUTHEN, and John WU

hereinafter referred to as Assignor, whose full post office addresses are,

25 Woodridge Cr., #718 Nepean, Ontario, K2B 7T4, Canada

17 - 5 Hadley Circle, Nepean, Ontario K2H 2P1, Canada

2084 Lenester Avenue, Ottawa, Ontario, K2B 1L1, Canada

have made an invention relating to and entitled:

Column Redundancy In Semiconductor Memories

as fully set forth and described in an application for Letters Patent of United States identified as:

Serial number 08/904,153, filed on July 31, 1997;

AND WHEREAS,

Mosaid Technologies Incorporated

hereinafter referred to as Assignee, whose full post office address is

11 Hines Road, Kanata, Ontario K2K 2X1, Canada

desires to acquire our entire right, title and interest in and to said invention;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over to Assignee, its successors, assigns, or legal representatives, our entire right, title and interest for Canada and all other countries throughout the World in and to said invention, together with our entire right, title and interest in and to said application and any foreign applications corresponding thereto and any and all Letters Patent which may issue for said invention, including any and all divisions, reissues, continuations and extensions to said Letters Patent, to the full end of the term for which each said Letters Patent may be granted, and including the right to claim priority, based on said application, under the terms of any international Convention, the same to be held and enjoyed as fully and completely as the same would have been held and enjoyed by us had this Assignment not been made:

AND WE, on behalf of ourselves and our executors and administrators, hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications and other instruments as may reasonably be required by said Assignee, its successors, assigns, or legal representatives, to obtain any and all Letters Patent for said invention and vest the same in said Assignee, its successors, assigns, or legal representatives.

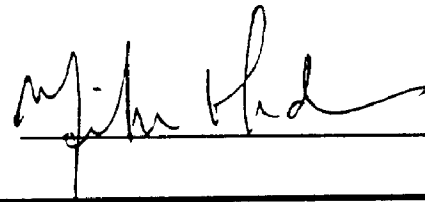
Orange & Associates (10.96)

SIGNED at Carp, Ontario, Canada this 20th day of
JUNE, 1999.

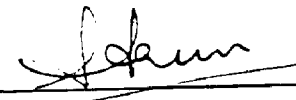
By: 
Name: Lidong CHEN

STATEMENT BY WITNESS

I, MICHAEL VLADESCO, whose full post office address is:
102 MANION ROAD, CARP ONTARIO, CANADA K0A 1L0, was
personally present and did see LIDONG CHEN who is known to me,
execute the above assignment.

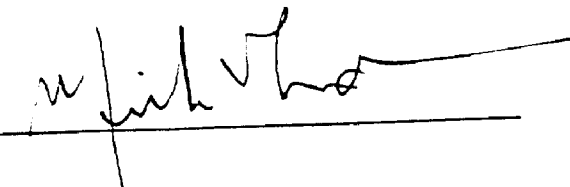
By: 

SIGNED at Carp, Ontario, Canada this 29th day of
July, 1997.

By: 
Name: Arun ACHYUTHAN

STATEMENT BY WITNESS

I, MICHAEL VLADESCO, whose full post office address is:
102 MANION RD CARP ON K0A1L0 ON CA., was
personally present and did see ARUN ACHYUTHAN who is known to me,
execute the above assignment.

By: 

SIGNED at Carp, Ontario, Canada this 29 day of
July, 1997.

By:

Name: John WU

STATEMENT BY WITNESS

I, MICHAEL VLADESCO, whose full post office address is:
102 MANION RD. CARP ON CAN. K0A 1L0., was
personally present and did see JOHN WU who is known to me,
execute the above assignment.

By:

M. J. Vladesco