

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Stanley Jeh-Chun Ma</td> <td>03/14/2003</td> </tr> <tr> <td>Peter P. Ma</td> <td>03/10/2003</td> </tr> <tr> <td>Valerie Lines</td> <td>03/17/2003</td> </tr> <tr> <td>Peter Gillingham</td> <td>03/17/2003</td> </tr> <tr> <td>Robert McKenzie</td> <td>03/17/2003</td> </tr> <tr> <td>Abdullah Ahmed</td> <td>03/06/2003</td> </tr> </tbody> </table>		Name	Execution Date	Stanley Jeh-Chun Ma	03/14/2003	Peter P. Ma	03/10/2003	Valerie Lines	03/17/2003	Peter Gillingham	03/17/2003	Robert McKenzie	03/17/2003	Abdullah Ahmed	03/06/2003
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RECEIVING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Mosaid Technologies Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>11 Hines Road, Suite 203</td> </tr> <tr> <td>City:</td> <td>Ottawa</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>K2K 2X1</td> </tr> </table>		Name:	Mosaid Technologies Incorporated	Street Address:	11 Hines Road, Suite 203	City:	Ottawa	State/Country:	CANADA	Postal Code:	K2K 2X1				
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PROPERTY NUMBERS Total: 1															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>7382638</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	7382638										
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CORRESPONDENCE DATA															
<p>Fax Number: (613)599-8148</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 613-599-9539</p> <p>Email: ipadmin@mosaid.com</p> <p>Correspondent Name: Mosaid Technologies Incorporated</p> <p>Address Line 1: 11 Hines Road, Suite 203</p> <p>Address Line 4: Ottawa, CANADA K2K 2X1</p>															
ATTORNEY DOCKET NUMBER:	1099-09US														
NAME OF SUBMITTER:	Victoria Donnelly														

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PATENT
REEL: 022597 FRAME: 0783

Total Attachments: 7

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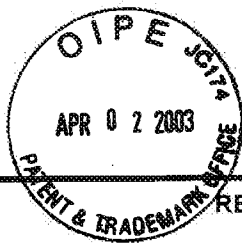
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04-08-2003

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OMB No. 0651-0027 (exp. 6/30/2005)

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RECOR



102412788

S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Stanley Jeh-Chun Ma Peter Gillingham
Peter P. Ma Robert McKenzie
Valerie Lines Abdullah AhmedAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Mosaid Technologies Incorporated

Internal Address: 4-2-03

Street Address: 11 Hines Road

City: Kanata State: ON Zip: K2K 2X1

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

3. Nature of conveyance:

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

Execution Date: March 6, 2003

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) 10/258,580

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Borden Ladner Gervais LLP

Internal Address: _____

Street Address: 1100-100 Queen Street

World Exchange Plaza

City: Ottawa State: ON Zip: K1P 1J9

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:

501593

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9. Signature.

Attorney Docket No. PAT 247W-2

Leslie Anne Kinsman, Reg. No. 45,291
Name of Person Signing
SignatureApril 1, 2003
Date

Total number of pages including cover sheet, attachments, and documents: 5

04/07/2003 ECDP 0000039 501593 102412788

01 FC:0021

40.00 CH

Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 022597 FRAME: 0785

ASSIGNMENT

We:

- | | |
|---|--|
| (1) Stanley Jeh-Chun Ma
2194 Emard Crescent
Gloucester ON K1J 6K6
CANADA | (2) Peter P. Ma
1-114 Daly Avenue
Ottawa ON K1N 6E7
CANADA |
| (3) Valerie Lines
228 Royal Avenue
Ottawa ON K2A 1T7
CANADA | (4) Peter Gillingham
43 Slade Crescent
Kanata ON K2K 2K9
CANADA |
| (5) Robert McKenzie
1506-171 Lees Avenue
Ottawa ON K1S 5P3
CANADA | (6) Abdullah Ahmed
609-480 McLevin Avenue
Scarborough ON M1B 5N9
CANADA |

for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell and assign to:

Mosaid Technologies Incorporated
11 Hines Road
Kanata ON K2K 2X1
CANADA

all our right, title and interest in the United States of America, Canada, and all countries foreign thereto, in and to the invention disclosed in Canadian Patent Application No. 2,307,240, filed May 1, 2000; International Application No. PCT/CA01/00628, filed May 1, 2001; and U.S. Patent Application No. 10/258,580 filed May 1, 2001, relating to, and entitled:

MATCHLINE SENSE CIRCUIT AND METHOD

and to any application for patent claiming priority therefrom, and to all our corresponding right, title and interest in and to any patent issued therefrom, and to any patent issued from a continuation, continuation-in-part, re-issue, divisional or re-examination application derived, or claiming priority, from the above application.

We agree to co-operate in obtaining the above-mentioned patent protection, and to execute such documents as may be required to file the above-mentioned applications, and secure the above-mentioned patents, in the name of the assignee, or its successors in title.

We authorize the firm of Borden Ladner Gervais LLP to insert any further identification necessary to make this assignment suitable for recordation in the Patent Offices of any country as may be required.

SIGNED at

Ottawa
City or Town

Canada
Country

this 14 day of March, 2003

Stanley Jeh-Chun Ma

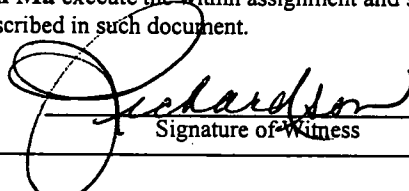

STATEMENT BY WITNESS

I, JANET RICHARDSON
(name of witness)

whose full post office address is

114 BEAUFERN DR. STITTSVILLE, ON K2S 1E4

was personally present and did see Stanley Jeh-Chun Ma execute the within assignment and such assignor is personally known to me to be the person described in such document.


Signature of Witness

SIGNED at

Nepean
City or Town

Canada
Country

this 10 day of March, 2003

Peter P. Ma

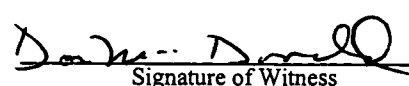

STATEMENT BY WITNESS

I, DON MAC DONALD
(name of witness)

whose full post office address is

21 Blackdome Cres, Kanata, Ont, K2T 1A9

was personally present and did see Peter P. Ma execute the within assignment and such assignor is personally known to me to be the person described in such document.


Signature of Witness

SIGNED at

Ottawa

City or Town

CANADA

Country

this 17 day of March, 2003

Valerie Lines
Valerie Lines

STATEMENT BY WITNESS

I, Kathleen Perry
(name of witness)

whose full post office address is

2881 Richmond Road

Ottawa Ontario K2B 8J5

was personally present and did see Valerie Lines execute the within assignment and such assignor is personally known to me to be the person described in such document.

Kathleen Perry
Signature of Witness

SIGNED at

Kanata

City or Town

Canada

Country

this 17 day of March, 2003

Peter Gillingham
Peter Gillingham

STATEMENT BY WITNESS

I, Kathleen Perry
(name of witness)

whose full post office address is

2881 Richmond Road

Ottawa, Ontario K2B 8J5

was personally present and did see Peter Gillingham execute the within assignment and such assignor is personally known to me to be the person described in such document.

Kathleen Perry
Signature of Witness

SIGNED at

OTTAWA

City or Town

CANADA

CANADA

Country

this

17

day of

MARCH

2003

Robert McKenzie

Robert N McKenzie

STATEMENT BY WITNESS

I, Kathleen Perry
(name of witness)

whose full post office address is

2881 Richmond Road

Ottawa Ontario K2B 8J5

was personally present and did see Robert McKenzie execute the within assignment and such assignor is personally known to me to be the person described in such document.

Kathleen Perry
Signature of Witness

SIGNED at

BURLINGTON

City or Town

CANADA

Country

this

6

day of

March

2003

Abdullah Ahmed

Abdullah Ahmed

STATEMENT BY WITNESS

I, Sameh E. Rehan
(name of witness)

whose full post office address is

Gennum Corp., 970 Fraser Drive, Burlington, ON, CANADA

L7L 5P5

was personally present and did see Abdullah Ahmed execute the within assignment and such assignor is personally known to me to be the person described in such document.

Sameh Rehan

Signature of Witness

March 06, 2003

Please Complete and Return the Executed Form to Borden Ladner Gervais LLP