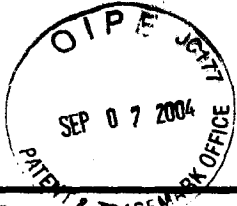


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Form PTO-1595 (Rev. 10/02) **RECORD** **PA** DEPARTMENT OF COMMERCE Patent and Trademark Office

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

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

<p>1. Name of conveying party(ies):</p> <p>ROTH, Alan SMITH, Steven</p> <p>LORD, Sean</p> <p>MCKENZIE, Robert</p> <p>HAERLE, Dieter</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>Mosaid Technologies Incorporated</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>Street Address: <u>11 Hines Road</u></p> <p>_____</p> <p>City: <u>Kanata</u> State: <u>ON</u> Zip: <u>K2K 2X1</u></p> <p style="text-align: center;">CANADA</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Dec. 12, 2003, Jan. 7, 2004, Dec. 1, 2003, Dec. 2, 2003 and Nov. 26, 2003</p> <p>Execution Date: _____</p>	

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) 10724,576

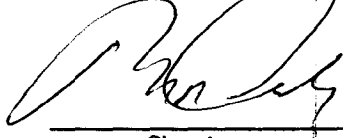
B. Patent No.(s) _____

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Dowell & Dowell, PC</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>Street Address: <u>Suite 406</u></p> <p><u>2111 Eisenhower Avenue</u></p> <p>City: <u>Alexandria</u> State: <u>VA</u> Zip: <u>22314</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: _____</p>
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9. Signature.

Ralph A. Dowell, Reg. No. 26,868  September 7, 2004

Name of Person Signing Signature Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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ASSIGNMENT

WHEREAS, we,

**ROTH, Alan,
LORD, Sean,
MCKENZIE, Robert,
HAERLE, Dieter and
SMITH, Steven**

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

5012 Woodview Avenue, Austin, Texas, 78756, USA;

297 Liard Street, Stittsville, Ontario, K2S 1J2, Canada;

1506 – 171 Lees Avenue, Ottawa, Ontario, K1S 5P3, Canada;

45 Allenby Road, Kanata, Ontario, K2K 2J9, Canada; and

38 Pine Ridge Road, Wakefield, Quebec, J0X 3G0, Canada

have made an invention relating to and entitled:

Block Programmable Priority Encoder in a CAM

as fully set forth and described in the provisional application identified as Application number 60/429,559, filed on November 29, 2002 and an application for Letters Patent of the United States of America filed on December 1, 2003;

AND WHEREAS,

Mosaid Technology Incorporated

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

11 Hines Road, Kanata, ON, 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, the United States and all other countries throughout the World in and to said invention, together with my/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 ourselves 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.

DATED this 12th day of December 2003.

Witnessed By:

Signature:

Melanie Kriewaldt

Name:

Melanie Kriewaldt

By:

[Signature]

Name:

ROTH, Alan

DATED this 7th day of JANUARY 2003.

Witnessed By:

Signature:

Tracy Reid

Name:

Tracy Reid

By:

[Signature]

Name:

LORD, Sean

DATED this 15th day of December 2003.

Witnessed By:

Signature:

Debra Trojan

Name:

Debra Trojan

By:

[Signature]

Name:

MCKENZIE, Robert

DATED this 2nd day of Dec 2003.

Witnessed By:

Signature:

Name:

Tracy Reid
Tracy Reid

By:

Name:

[Signature]
HAERLE, Dieter

DATED this 26th day of November 2003.

Witnessed By:

Signature:

Name:

[Signature]
D. Trojan

By:

Name:

[Signature]
SMITH, Steven