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Docket No.: 2037.2032-006

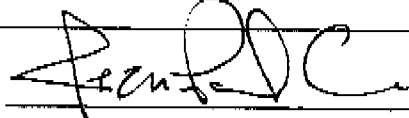
To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies)/Execution Date(s):</p> <p>PETER VLASENKO / 01/21/2003</p> <p>DIETER HAERLE / 01/21/2003</p> <p>/</p> <p>/</p> <p>/</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, INC.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>11 HINES ROAD</u></p>
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<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>City: <u>KANATA</u></p> <p>State: <u>ONTARIO</u></p> <p>Country: <u>CANADA</u> Zip: <u>K2K 2X1</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>4. Application number(s) or patent number(s).</p> <p>A Patent Application No.(s)</p> <p><u>11/999,162</u></p>	<p><input type="checkbox"/> This document is being filed together with a new application.</p> <p>B Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed.</p> <p>Name: <u>JAMES M. SMITH, ESQ.</u></p> <p>Internal Address: _____</p> <p><u>HAMILTON, BROOK, SMITH & REYNOLDS, P.C.</u></p> <p>Street Address: <u>530 VIRGINIA ROAD, P.O. BOX 9133</u></p> <p>City: <u>CONCORD</u> State: <u>MA</u> ZIP: <u>01742-9133</u></p> <p>Phone No. <u>978-341-0036</u> Fax No. <u>978-341-0136</u></p> <p>Email Address: <u>JAMES.SMITH@HBSR.COM</u></p>	<p>6 Total number of applications and patents involved: <u>1</u></p> <p>7 Total Fee (37 CFR 1.21(h) & 3.41) <u>\$40</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorization to charge deposit account number 08-0380</p> <p><input type="checkbox"/> Previously submitted - Doc. ID No. []</p> <p><input checked="" type="checkbox"/> Authorized to charge any deficiencies or credit any overpayment to deposit account number 08-0380</p> <p>Do not attach a copy of this page if paying by deposit account and filing via facsimile.</p> <p>Attach a copy of this page if paying by deposit account and filing via mail.</p>
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<p>8. <u>JEAN-PAUL CASS</u></p> <p>Name of Person Signing</p>	 <p>Signature</p>	<p><u>2/20/2008</u></p> <p>Date</p>
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Total number of pages including cover sheet, attachments, and documents 4

CH \$40.00 080380 11999162

JointASSIGNMENT

WHEREAS, we, Peter Vlasenko and Dieter Haerie, have invented a certain improvement in **Wide Frequency Range Delay Locked Loop** described in an application for Letters Patent of the United States, the specification of which

- is being executed on even date herewith and is about to be filed in the United States Patent Office,
- was filed on **December 31, 2002** as Application No. **10/335,535**;
- was patented under U.S. Patent No. [] on [].

WHEREAS, **MOSAID Technologies, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Province of Ontario**, and having a usual place of business at **11 Hines Road, Kanata, Ontario K2K 2X1 Canada** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein.

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

PATENT

REEL: 020537 FRAME: 0896

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor

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Peter Vlasenko

Date *Jan, at-2008*

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