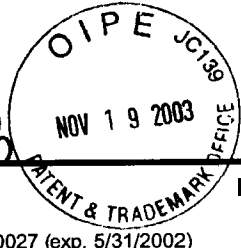


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RECORDATION PATE

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Patent and Trademark Office

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>Victor MENASCE and Stephane GAGNON</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>Tundra Semiconductor Corporation</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>Street Address: _____</p> <p><u>603 March Road</u></p> <p>City: <u>Ottawa, ON</u> State: <u>Canada</u> Zip: <u>K2K 2M5</u></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>Execution Date: <u>August 6, 2003</u></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)	B. Patent No.(s)
<u>10/615,142</u>	

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>DALLAS F. SMITH</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>Street Address: <u>GOWLING, LAFLEUR, HENDERSON</u></p> <p><u>160 Elgin Street, Suite 2600</u></p> <p>City: <u>Ottawa</u> State: <u>Ontario</u> Zip: <u>K1P 1C3</u></p>	<p>6. Total number of applications and patents involved: <input type="text" value="1"/></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number:</p> <p style="text-align: center;"><u>50-1644</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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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.

<p><u>Dallas F. Smith, Reg. 34,074</u></p> <p>Name of Person Signing</p>	<p><u><i>Dallas F. Smith</i></u></p> <p>Signature</p>	<p><u>Nov 18, 2003</u></p> <p>Date</p>
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Total number of pages including cover sheet, attachments, and documents:

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Washington, D.C. 20231

ASSIGNMENT

Whereas Victor Menasce and Stephane Gagnon (hereinafter "the Assignors"), whose full post office addresses are: 56 Hemlo Crescent, Kanata, Ontario, K2T 1C9; and 202 McCurdy Drive, Kanata, Ontario, respectively, have made an invention which is the subject of United States Patent Application entitled FAULT TOLERANCE (hereinafter "the Patent Application");

Whereas Tundra Semiconductor Corporation (hereinafter "the Assignee"), whose full post office address is 603 March Road, Ottawa, Ontario, Canada, K2K 2M5, is desirous of acquiring the whole right, title and interest in and to the Patent Application, and the invention or inventions described therein;

Now therefore, in consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors hereby sell, assign and transfer to the Assignee, all their right, title and interest, in United States, in and to the Patent Application, and the invention or inventions described therein, and all divisions and continuations thereof, including its corresponding right to claim priority from the Patent Application in any country or jurisdiction, including all their corresponding right, title and interest in and to any Patents which may issue therefrom, including all reissues, renewals and extensions thereof, and including all right to sue for past infringement thereunder, all the said Patents to be held and enjoyed by the said Assignee to the full end of the term for which the said Patents are granted, as fully and entirely as the said Patents could have been held and enjoyed by the said Assignors if this Assignment had not been made;

And the Assignors hereby covenants and agrees without further consideration, to communicate with Assignee, its successors and assigns, any facts known respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

And the Assignors hereby covenants that he/she/it has the full right to convey the interest assigned by this Assignment, and has not executed and will not execute any agreement in conflict with this Assignment.

And the Assignors and the Assignee hereby authorize the firm of Gowling Lafleur Henderson LLP, whose full post office address is 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3, Canada, to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any Patent Office. The Assignors and the Assignee hereby authorize and request that Gowling Lafleur Henderson LLP insert here in parentheses (United States Patent Application Serial No. 10/615,142) the application number of the said Patent Application when known.

SIGNED at Ottawa, Carleton County, Canada, this 6th day of August, 2003.
(City/Town) (Country) (Date) (Month) (Year)

David Fewer
(Signature of Witness)

David Fewer
(Name of Witness: Please Print or Type)

Victor Menasce
Victor Menasce
56 Hemlo Crescent, Kanata, ON K2T 1C9

SIGNED at Ottawa, Carleton County, Canada, this 6th day of August, 2003.
(City/Town) (Country) (Date) (Month) (Year)

David Fewer
(Signature of Witness)

David Fewer
(Name of Witness: Please Print or Type)

Stephen Gagnon
Stephen Gagnon
202 McCurdy Drive, Kanata, ON

The undersigned Assignee hereby accepts this Assignment.

SIGNED at OTTAWA, CANADA, this 13th day of AUGUST, 2003.
(City/Town) (Country) (Date) (Month) (Year)

Tundra Semiconductor Corporation

David Fewer
(Signature of Witness)

DAVID FEWER
(Name of Witness: Please Print or Type)

Richard J. O'Connor
(Signature of Authorized Signing Officer)

RICHARD J. O'CONNOR
(Name of Authorized Signing Officer: Please Print or Type)

CHIEF TECHNOLOGY OFFICER
(Title of Authorized Signing Officer: Please Print or Type)