

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Adrian KITAI</td> <td>03/26/2012</td> </tr> <tr> <td>Haoling YU</td> <td>03/26/2012</td> </tr> <tr> <td>Bo LI</td> <td>03/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Adrian KITAI	03/26/2012	Haoling YU	03/26/2012	Bo LI	03/26/2012				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>McMaster University</td> </tr> <tr> <td>Street Address:</td> <td>175 Longwood Road South</td> </tr> <tr> <td>Internal Address:</td> <td>MILO, Suite 305</td> </tr> <tr> <td>City:</td> <td>Hamilton, Ontario</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>L8P 1A1</td> </tr> </table>		Name:	McMaster University	Street Address:	175 Longwood Road South	Internal Address:	MILO, Suite 305	City:	Hamilton, Ontario	State/Country:	CANADA	Postal Code:	L8P 1A1
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PROPERTY NUMBERS Total: 3													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13812089</td> </tr> <tr> <td>PCT Number:</td> <td>CA2012050327</td> </tr> <tr> <td>Application Number:</td> <td>61487005</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13812089	PCT Number:	CA2012050327	Application Number:	61487005				
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CORRESPONDENCE DATA													
<p>Fax Number: 4122810717 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412-454-5000 Email: docketingpgh@pepperlaw.com Correspondent Name: Pepper Hamilton LLP Address Line 1: Suite 5000, 50th Floor Address Line 4: Pittsburgh, PENNSYLVANIA 15219-2507</p>													
ATTORNEY DOCKET NUMBER:	138248.12801												
NAME OF SUBMITTER:	Joseph T. Helmsen Reg. No. 54163												

PATENT

Total Attachments: 5

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PATENT

REEL: 029689 FRAME: 0779

ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Adrian KITAI, having an address of 1612 Birchwood Drive Mississauga ON, L5J 1T6 Canada, and

Haoling YU, having an address of #2207-666 SPADINA AVE, TORONTO, ON M5S 2H8 Canada,
and

Bo LI, having an address of Apt-1206, 43 Forest Ave, Hamilton, ON, L8N 1X2 Canada
([collectively,] “**Assignor**”),

effective as of March 26, 2012 hereby sells, assigns, transfers, and conveys unto McMaster University, McMaster Industry Liaison Office (MILO) Suite 305, 175 Longwood Road South, Hamilton L8P 1A1, Ontario, Canada (“**Assignee**”), all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the “**Rights**”):

1. the inventions disclosed in the solution report/invention disclosure titled Lateral Diffusion Liquid Phase Epitaxial growth of semiconductor materials and all inventions claimed and/or described in the Application (collectively, the “**Invention**”);

2. the patent applications listed in the table below (the “**Application**”);

Patent Application No.	Country	Filing Date	Title
61/487,005	US	17-MAY-2011	MONO-CRYSTALLINE SILICON STRIPS GROWN BY LIQUID PHASE EPITAXY AND LATERAL DIFFUSION LIQUID PHASE EPITAXY FOR PHOTOVOLTAIC APPLICATIONS
PCT/US2012/050327	CA	17-MAY-2012	SEMICONDUCTOR FORMATION BY LATERAL DIFFUSION LIQUID PHASE EPITAXY
13/812,089	US	24-January-2013	Semiconductor Formation By Lateral Diffusion Phase Epitaxy

3. all rights with respect to the Invention, including all UNITED STATES patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Application (“**Potential Patents**”);

4. all reissues, reexaminations, extensions, or registrations of the Potential Patents;

5. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application, and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances (“**Foreign Rights**”), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;

6. all rights to claim priority rights deriving from the Application;

7. all causes of action and remedies related to any or all of the Application, the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past,

present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

8. any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Invention, Potential Patents, and the Foreign Rights.

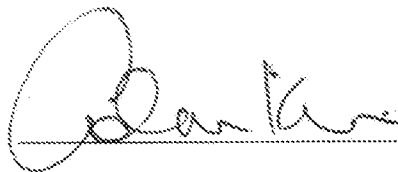
Assignor will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

Assignor hereby authorizes and requests authorized representative to insert on this Assignment the filing date and Patent Application Numbers in the table above when known.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, their successors, legal representatives and assigns.

[Signature Page(s) to Follow]

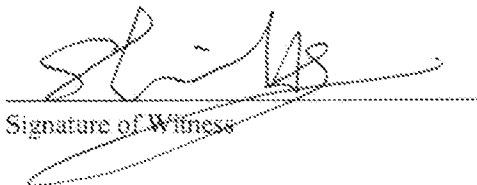
By:



Print name: Adrian KITAI

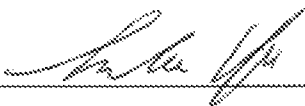
STATEMENT BY WITNESS

I, Huaxiang Shen, whose full post office address is
THE 357, 1280 Main St. West, Hamilton, ON L8S 4L7 hereby declare that I was
personally present and did see the above named person(s), personally known to me to be the person(s)
named in the assignment, duly sign and execute the same.


Signature of Witness

May 14, 2012
Date


By:



Print name: Haoqing YU

STATEMENT BY WITNESS

I, Huaxiang Shen, whose full post office address is
JHE-357, 1280 Main St. West, Hamilton ON L8S 4L7 hereby declare that I was
personally present and did see the above named person(s), personally known to me to be the person(s)
named in the assignment, duly sign and execute the same.


Signature of Witness

May 14, 2012
Date

By:

Bo Li

Print name:

Bo Li

STATEMENT BY WITNESS

I, Huaxiang Shen

, whose full post office address is

JHE-307, 1280 Main St. West, Hamilton, ON L8S 4L7 hereby declare that I was personally present and did see the above named person(s), personally known to me to be the person(s) named in the assignment, duly sign and execute the same.

SL-143
Signature of Witness

May 14, 2012
Date