

PATENT ASSIGNMENT

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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>Prem Nath</td> <td>04/18/2010</td> </tr> <tr> <td>Venugopala R. Basava</td> <td>04/21/2010</td> </tr> <tr> <td>Ajay Kumar Kalla</td> <td>04/21/2010</td> </tr> <tr> <td>Peter Alex Shevchuk</td> <td>04/21/2010</td> </tr> <tr> <td>Mohan S. Misra</td> <td>04/26/2010</td> </tr> </tbody> </table>		Name	Execution Date	Prem Nath	04/18/2010	Venugopala R. Basava	04/21/2010	Ajay Kumar Kalla	04/21/2010	Peter Alex Shevchuk	04/21/2010	Mohan S. Misra	04/26/2010
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CORRESPONDENCE DATA													
<p>Fax Number: (720)931-3001</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 720-931-3000</p> <p>Email: patent@lathropgagage.com</p> <p>Correspondent Name: LATHROP & GAGE LLP</p> <p>Address Line 1: 4845 PEARL EAST CIRCLE</p> <p>Address Line 2: SUITE 201</p> <p>Address Line 4: BOULDER, COLORADO 80301</p>													
ATTORNEY DOCKET NUMBER:	499488												
NAME OF SUBMITTER:	Philip diZerega												

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REEL: 024319 FRAME: 0042

Total Attachments: 3

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ASSIGNMENT

WHEREAS, We, **Prem Nath** of Fort Lauderdale, Florida, a citizen of the United States of America; **Venugopala R. Basava**, of Highlands Ranch, Colorado, a citizen of India; **Ajay Kumar Kalla** of Centennial, Colorado, a citizen of the United States of America; **Peter Alex Shevchuk** of Arvada, Colorado, a citizen of the United States of America; and **Mohan S. Misra** of Golden, Colorado, a citizen of the United States of America, have invented certain new and useful improvement in

Machine And Process For Sequential Multi-Sublayer Deposition Of Copper Indium Gallium Diselenide Compound Semiconductors

Application Serial No. 61/150,282 Filed February 5, 2009

Application Serial No. 12/701,449 Filed February 5, 2010

for which we are about to make or have made application for Letters Patent of the United States; and

WHEREAS, Ascent Solar Technologies, Inc., organized under the laws of the State of Delaware and having an office at 12300 Grant Street, Thornton CO 80241-3120 is desirous of acquiring all rights, title and interests in and to the invention set forth in said application, and any and all Letters Patent which may be granted for or upon said invention in the United States of America, and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Prem Nath, Venugopala R. Basava, Ajay Kumar Kalla, Peter Alex Shevchuk and Mohan S. Misra, have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said Ascent Solar Technologies, Inc., the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said application;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said application;
- (d) any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;

(f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;

(g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

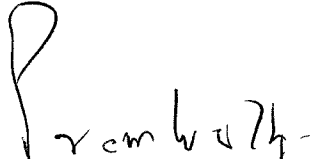
We, Prem Nath, Venugopala R. Basava, Ajay Kumar Kalla, Peter Alex Shevchuk and Mohan S. Misra, further agree that upon request we will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Ascent Solar Technologies, Inc., or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.


ALL of the above shall be held and enjoyed by said Ascent Solar Technologies, Inc., for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This Assignment is to have effect immediately, and acknowledges an obligation by the undersigned to assign the rights described above.

4/18/2011
Date

4/21/10
Date:


Prem Nath


Venugopala R. Basava

Docket: 496789

4/21/10
Date:

Ajay Kumar Kalla
Ajay Kumar Kalla

4-21-2010
Date:

Peter Alex Shevchuk
Peter Alex Shevchuk

4/26/2010
Date:

Mohan S. Misra
Mohan S. Misra