

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
SOLOPOWER, INC.	02/03/2010
RECEIVING PARTY DATA	
Name:	BRIDGE BANK, NATIONAL ASSOCIATION
Street Address:	525 University Avenue, #31
Internal Address:	Attn: Nader Maghsoudnia
City:	Palo Alto
State/Country:	CALIFORNIA
Postal Code:	94301
PROPERTY NUMBERS Total: 50	
Property Type	Number
Application Number:	11081308
Application Number:	11535927
Application Number:	11621101
Application Number:	11735430
Application Number:	12037076
Application Number:	11266013
Application Number:	11462685
Application Number:	11549590
Application Number:	11552503
Application Number:	11560321
Application Number:	11565971
Application Number:	11692806
Application Number:	11696643
Application Number:	11740248

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REEL: 023900 FRAME: 0925

CH \$2000.00 11081308

Application Number:	11828317
Application Number:	11829052
Application Number:	11834593
Application Number:	11852980
Application Number:	11859706
Application Number:	11868443
Application Number:	11875784
Application Number:	11938679
Application Number:	11952905
Application Number:	11953822
Application Number:	11969218
Application Number:	12022113
Application Number:	12018147
Application Number:	12018114
Application Number:	12027169
Application Number:	12028752
Application Number:	12106240
Application Number:	12111161
Application Number:	12137510
Application Number:	12143609
Application Number:	12163162
Application Number:	12163819
Application Number:	12177007
Application Number:	12191220
Application Number:	12195367
Application Number:	12233563
Application Number:	12233566
Application Number:	12259049
Application Number:	12334420
Application Number:	12345389
Application Number:	12372720
Application Number:	12404690
Application Number:	12414029
Application Number:	12463303
Application Number:	12464673

Application Number: 12551467

**CORRESPONDENCE DATA**

Fax Number: (650)493-6811

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Address Line 4: Palo Alto, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER: 38691.007

NAME OF SUBMITTER: Nancy Bouch

**Total Attachments: 10**

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of February 3, 2010, (the "Agreement") between BRIDGE BANK, NATIONAL ASSOCIATION ("Lender") and SoloPower, Inc., ("Grantor") is made with reference to the Loan and Security Agreement, dated as of January 24, 2008 and the Loan and Security Agreement, dated as of January 26, 2007 (as amended from time to time, together the "Loan Agreement"), between Lender and Grantor. Terms defined in the Loan Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Loan Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Loan Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

Lender agrees that it will not record its security interest in the Intellectual Property Collateral in a manner that would publicly disclose Borrower's unpublished intellectual property applications, including, but not limited to, unpublished patent applications. Lender agrees to file individual notices of its security interest in each unpublished intellectual property application, and not include more than one unpublished

application in each such notice of its security interest.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

SOLOPOWER, INC.

By: 

Name: Albert Boro

Title: President and CEO

Address for Notices:

Attn: Albert Boro  
5981 Optical Court  
San Jose, CA 95138  
Tel: (408) 942-4140  
Fax: (408) 934-1500

LENDER:

BRIDGE BANK, NATIONAL ASSOCIATION

By: 

Name: NADER MAGHSOUDNIA

Title: VICE PRESIDENT

Address for Notices:

Attn: Nader Maghsoudnia  
525 University Avenue, #31  
Palo Alto, CA 94301  
Tel: (650) 462-8525  
Fax: (650) 326-1947

## EXHIBIT C

## PATENTS

Please Check if No Patents Exist ☐**Issued Patents and Published Patent Application**

<b>Title</b>	<b>Application Number</b>	<b>Application Date</b>	<b>Registration Number</b>	<b>Registration Date</b>	<b>Expiration Date</b>	<b>Status</b>
Technique and Apparatus for Depositing Thin Layers of Semiconductors for Solar Cell Fabrication	11/081308	3/15/2005	7,374,963	5/20/2008	8/03/2025	Issued
Efficient Gallium Thin Film Electroplating Methods and Chemistries	11/535927	9/27/2006	7,507,321	3/24/2009	3/07/2027	Issued
Precursor Containing Copper Indium and Gallium for Selenide (Sulfide) Compound Formation	11/621101	1/8/2007	7,582,506	9/1/2009	10/13/2025	Issued
Method and Apparatus to Form Thin Film Layers of Materials on a Base	11/735430	4/13/2007	7,585,547	9/8/2009	5/12/2027	Issued
Method and Apparatus for continuous Processing of Buffer Layers for Group IBIIIAVIA Solar Cells	12/037076	2/25/2008	7,541,067	6/02/2009	4/13/2027	Issued

<b>Title</b>	<b>Application Number</b>	<b>Application Date</b>	<b>Registration Number</b>	<b>Registration Date</b>	<b>Expiration Date</b>	<b>Status</b>
Technique and Apparatus for Depositing Thin Layers of Semiconductors for Solar Cell and Module Fabrication	11/266013	11/2/2005				Published
Technique for Preparing Precursor Films and Compound Layers for Thin Film Solar Cell Fabrication and Apparatus Corresponding Thereto	11/462685	8/4/2006				Published
Method and Apparatus for Converting Precursor Layers into Photovoltaic Absorbers	11/549590	10/13/2006				Published
Method and Apparatus for Thin Film Solar Cell Manufacturing	11/552503	10/24/2006				Published
Composition Control for Roll to Roll Processed Photovoltaic Films	11/560321	11/15/2006				Published
Contact Layers for Thin Film Solar Cells Employing Group IBIIIAVIA Compound Absorbers	11/565971	12/1/2006				Published

<b>Title</b>	<b>Application Number</b>	<b>Application Date</b>	<b>Registration Number</b>	<b>Registration Date</b>	<b>Expiration Date</b>	<b>Status</b>
Technique for Manufacturing Photovoltaic Modules	11/692806	2/28/2007				Published
Composition Control for Photovoltaic Thin Film Manufacturing	11/696643	4/4/2007				Published
Method and Apparatus for Controlling Composition Profile of Copper Indium Gallium Chalcogenide Layers	11/740248	4/25/2007				Published
Tandem Solar Cell Structures and Methods of Manufacturing Same	11/828317	7/25/2007				Published
Technique for Doping Compound Layers Used in Solar Cell Fabrication	11/829052	7/26/2008				Published
Thin Film Solar Cell with Finger Pattern	11/834593	8/6/2007				Published
Doping Techniques for Group IBIIIAVIA Compound Layers	11/852980	9/10/2007				Published
Processing Method and Apparatus for Group IBIIIAVIA Semiconductor Layer Growth	11/859706	9/21/2007				Published



<b>Title</b>	<b>Application Number</b>	<b>Application Date</b>	<b>Registration Number</b>	<b>Registration Date</b>	<b>Expiration Date</b>	<b>Status</b>
Roll-to-Roll Evaporation Tool for Solar Absorber Precursor Formation	11/868443	10/5/2007				Published
Roll-to-Roll Electroplating for Photovoltaic Film Manufacturing	11/875784	10/19/2007				Published
Reel-to-Reel Reaction of Precursor Film to Form Solar Cell Absorber	11/938679	11/12/2007				Published
Electrodeposition Technique and Apparatus to Form Selenium Containing Layers	11/952905	12/7/2007				Published
Methods Structures and Apparatus to Provide Group VIA and IA Materials for Solar Cell Absorber Formation	11/953822	12/10/2007				Published
Thin Film Solar Cell Manufacturing and Integration	11/969218	1/3/2008				Published
Indium Electroplating Baths for Thin Layer Deposition	12/022113	1/29/2008				Published

<b>Title</b>	<b>Application Number</b>	<b>Application Date</b>	<b>Registration Number</b>	<b>Registration Date</b>	<b>Expiration Date</b>	<b>Status</b>
Roll-to-roll Integration of Thin Film Solar Modules	12/018147	1/22/2008				Published
Finger Pattern Formation for Thin Film Solar Cells	12/018114	1/22/2008				Published
Reel-to-Reel Reaction of Precursor Film to Form Solar Cell Absorber	12/027169	2/6/2008				Published
Method for Forming Copper Indium Gallium Chalcogenide Layer with Optimized Gallium Content at Its Surface	12/028752	2/8/2008				Published
Technique and Apparatus for Depositing Thin Layers of Semiconductors for Solar Cell Fabrication	12/106240	4/18/2008				Published
Method and Apparatus to Form Back Contacts to Flexible CIGS Solar Cells	12/111161	4/28/2008				Published
Methods and Apparatus to Provide Group VIA Materials to Reactors for Group IBIIIA VIA Film Formation	12/137510	6/11/2008				Published

<b>Title</b>	<b>Application Number</b>	<b>Application Date</b>	<b>Registration Number</b>	<b>Registration Date</b>	<b>Expiration Date</b>	<b>Status</b>
Electroplating Method for Depositing Continuous Thin Layers of Indium or Gallium Rich Materials	12/143609	6/20/2008				Published
Metallic Foil Substrate and Package Technique for Thin Film Solar Cells and Modules	12/163162	6/27/2008				Published
Method and Apparatus of Achieving Low Resistance Contact to a Metal Based Thin Film Solar Cell	12/163819	6/27/2008				Published
Method and Apparatus to Form Thin Film Layers of Photovoltaic Absorbers	12/177007	7/21/2008				Published
Method and Structures for controlling the Group IIA Material Profile Through a Group IBIIIAV Compound Layer	12/191220	8/13/2008				Published
Method and Apparatus for Affecting Surface Composition of CIGS Absorbers formed by Two – Stage Process	12/195367	8/20/2008				Published

<b>Title</b>	<b>Application Number</b>	<b>Application Date</b>	<b>Registration Number</b>	<b>Registration Date</b>	<b>Expiration Date</b>	<b>Status</b>
Method to Improve Flexible Foil Substrate for Thin Film Solar Cell Applications	12/233563	9/18/2008				Published
Substrate Preparation for Thin Film Solar Cell Manufacturing	12/233566	9/18/2008				Published
Method and Apparatus for forming Copper Indium Gallium Chalcogenide Layers	12/259049	10/27/2008				Published
Reactor to Form Solar Cell Absorbers	12/334420	12/12/2008				Published
Method and Apparatus to Form Solar Cell Absorber layers with Planar Surface	12/345389	12/29/2008				Published
Technique and Apparatus for Manufacturing Flexible and Moisture Resistive Photovoltaic Modules	12/372720	2/17/2009				Published
Efficient Gallium Thin Film Electroplating Methods and Chemistries	12/404690	3/16/2009				Published

Title	Application Number	Application Date	Registration Number	Registration Date	Expiration Date	Status
Method for Performing Copper Indium Gallium Chalcogenide Layer with Shaped Gallium Profile	12/414029	3/30/2009				Published
Apparatus for Continuous Processing of Buffer Layers for Group IBIIIA VIA Solar Cells	12/463303	5/8/2009				Published
Roll-to-Roll Processing Method and Tools for Electroless Deposition of Thin Layers	12/464673	5/12/2009				Published
Precursor Containing Copper Indium and Gallium for Selenide (Sulfide) Compound Formation	12/551467	8/31/2009				Published