

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3777391

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	INTERMOLECULAR, INC.	03/23/2015
RECEIVING PARTY DATA		
Name:	FIRST SOLAR, INC.	
Street Address:	350 WEST WASHINGTON STREET	
Internal Address:	6TH FLOOR	
City:	TEMPE	
State/Country:	ARIZONA	
Postal Code:	85281	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	14141408
	Application Number:	14108697
CORRESPONDENCE DATA		
Fax Number:	(419)255-9639	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	4192555900	
Email:	docketing@mstfirm.com	
Correspondent Name:	MACMILLAN SOBANSKI & TODD, LLC	
Address Line 1:	720 WATER STREET	
Address Line 2:	ONE MARITIME PLAZA, 5TH FLOOR	
Address Line 4:	TOLEDO, OHIO 43604	
ATTORNEY DOCKET NUMBER:	1-57154	
NAME OF SUBMITTER:	THOMAS D. BRAINARD	
SIGNATURE:	/Thomas D. Brainard/	
DATE SIGNED:	03/10/2016	
Total Attachments: 3		
source=3649_57154_ExhibitB-Assignment_FirstSolar_PIM102165_US_NP#page1.tif		
source=3649_57154_ExhibitB-Assignment_FirstSolar_PIM102165_US_NP#page2.tif		
source=3649_57154_ExhibitB-Assignment_FirstSolar_PIM102165_US_NP#page3.tif		

EXHIBIT B

Form of Recordable Patent Assignment

Intermolecular, Inc., a Delaware corporation (the "Seller") and First Solar, Inc., a Delaware corporation (the "Buyer") are parties to a certain Asset Purchase Agreement dated March 23, 2015 (the "Purchase Agreement"). Capitalized terms used without definitions herein shall have the meanings ascribed to such terms in the Purchase Agreement.

1. Pursuant to, and upon the terms of the Purchase Agreement, Seller has agreed to sell, convey, assign and transfer to Buyer, and Buyer has agreed to accept, all worldwide right, title and interest in, to and under certain Patent Assets as set forth in Exhibit A to the Purchase Agreement and reproduced below.
2. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Seller does hereby sell, convey, transfer and assign to Buyer, and Buyer hereby accepts the sale, conveyance, transfer and assignment of all worldwide right, title and interest in, to and under the Patent Assets, together with the right to sue for damages for past, present or future infringement of said Patent Assets worldwide for Buyer's own use and enjoyment, all to be held and enjoyed by said Buyer, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Seller had this assignment not been made.

IN WITNESS WHEREOF, Seller has caused this Assignment Agreement to be duly signed on its behalf.

Signature: _____

Date: _____

Name: Scot A. GriffinTitle: SVP, Business Operations

State of _____)

) S.S.

County of _____)

Before me this _____ day of _____, 20____, personally appeared _____, to me known to be the person who is described in and who signed the foregoing Assignment and acknowledged to me that he/she signed the same of his/her own free will for the purpose therein expressed.

Notary Public

INTERMOLECULAR, INC.

By: _____

Name: _____

Title: _____

SEE ATTACHED ACKNOWLEDGMENT

California Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of

SANTA CLARA

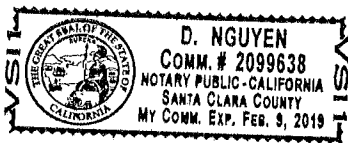
} ss.

On MARCH 23rd, 2015 before me, D. Nguyen, Notary Public, personally appeared
(here insert name and title of the officer)

SCOT A. GRIFFIN

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.



(Seal)

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public

Optional Information

To help prevent fraud, it is recommended that you provide information about the attached document below.

This is NOT required under California State notary public law.

Document Title: Form of RELOADABLE PATENT Number of Pages: 9
ASSIGNMENT

Notes

EXHIBIT A -- LIST OF PATENT ASSETS

Case	Status	Numbers	Title	Tech
IM1238	Unfiled		Dry Method of Passivating and Cleaning CdTe surface for ultra-thin solar cells applications	TFPV-CdTe
IM1240	Unfiled		Structure for high efficiency CdTe solar cells using a bilayer back contact	TFPV-CdTe
IM1241	Unfiled		Inline photoluminescence for combinatorial processing	TFPV-CdTe
IM1242	Unfiled		Structure for high efficiency CdTe solar cells using a bilayer electron reflector back-contact	TFPV-CdTe
IM1275	Unfiled		Method to produce high purity zinc blends phase CdMnTe thin films	TFPV-CdTe
IM1301	Unfiled		A Method of Passivating CdTe Surface and Achieving Extremely High Backside Photoluminescence Utilizing Cadmium Manganese Telluride as Electron Reflection Layer	TFPV-CdTe
IM1308_US	Pending	14/141,408	Zinc Blende Cadmium-Manganese-Telluride with Reduced Hole Compensation Effects and Methods for Forming the Same	TFPV-CdTe
IM1310_US	Pending	14/108,697	Low Resistivity Nitrogen-Doped Zinc Telluride and Methods for Forming the Same	TFPV-CdTe
IM1354	Unfiled		power density as a key knob for generating conductive N2 doped ZnTe controlled by degree of crystallinity of ZnTe	TFPV-CdTe
IM1551	Unfiled		Electron Reflector Materials for CdTe Solar Cells	TFPV-CdTe
IM1556	Unfiled		Method of improving backside ohmic contact between metal contact layers and electron reflectors for CdTe solar cells	TFPV-CdTe
IM1739	Unfiled		CdTe thin film photovoltaic devices with transition metal oxide as a back contact buffer layer and related treatment methods	TFPV-CdTe
IM1740	Unfiled		Transition metal oxides used as a low resistance contact in electron reflector structure	TFPV-CdTe
IM1773	Unfiled		p-type ohmic contact structure for group IIB-Selenides and Tellurides	TFPV-CdTe
IM1791	Unfiled		p-type Ohmic Contact for CdTe Based Semiconductor	TFPV-CdTe
IM1795	Unfiled		Method of Forming Epitaxial Electron Reflector for CdTe Solar Cells	TFPV-CdTe