

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
James F. Nolan	10/07/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	First Solar, Inc.
<b>Street Address:</b>	28101 Cedar Park Boulevard
<b>City:</b>	Perrysburg
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43551
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12860133
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)429-3902
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	(202) 429-3000
<b>Email:</b>	mfreeman@steptoe.com
<b>Correspondent Name:</b>	Harold H. Fox
<b>Address Line 1:</b>	1330 Connecticut Ave., NW
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20036
<b>ATTORNEY DOCKET NUMBER:</b>	14920.0062 D1
<b>NAME OF SUBMITTER:</b>	Monica J. Freeman
<b>Total Attachments: 2</b> source=62D1asst#page1.tif source=62D1asst#page2.tif	

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**PATENT**  
**REEL: 025233 FRAME: 0151**

ASSIGNMENT

For valuable consideration, I, James F. Nolan of Lady Lake, Florida, hereby assign to: First Solar, Inc., a corporation of Delaware, having a place of business at 28101 Cedar Park Boulevard, Perrysburgh, Ohio 43551, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled APPARATUS AND METHOD FOR DEPOSITING A MATERIAL ON A SUBSTRATE, filed August 20, 2010, and assigned U.S. Serial Number 12/860,133, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this 7<sup>TH</sup> day of OCTOBER, 2010

James F. Nolan L.S.  
James F. Nolan

State of FLORIDA :

: ss.

County of SUMTER :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally  
appeared JAMES F. NOLAN known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]