

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2664507

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>ONUR S. YORDEM</td> <td>11/05/2013</td> </tr> <tr> <td>GILLES J. BENOIT</td> <td>11/01/2013</td> </tr> <tr> <td>JINGFEI CHEN</td> <td>11/12/2013</td> </tr> <tr> <td>GUANGLEI DU</td> <td>10/31/2013</td> </tr> <tr> <td>YAN YAN ZHANG</td> <td>10/31/2013</td> </tr> <tr> <td>JULIE LIU</td> <td>12/12/2013</td> </tr> <tr> <td>BOB GUO</td> <td>11/01/2013</td> </tr> <tr> <td>TIMOTHY J. HEBRINK</td> <td>10/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	ONUR S. YORDEM	11/05/2013	GILLES J. BENOIT	11/01/2013	JINGFEI CHEN	11/12/2013	GUANGLEI DU	10/31/2013	YAN YAN ZHANG	10/31/2013	JULIE LIU	12/12/2013	BOB GUO	11/01/2013	TIMOTHY J. HEBRINK	10/31/2013
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<table border="1"> <tr> <td>Name:</td> <td>3M INNOVATIVE PROPERTIES COMPANY</td> </tr> <tr> <td>Street Address:</td> <td>P.O. BOX 33427</td> </tr> <tr> <td>City:</td> <td>SAINT PAUL</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55133-3427</td> </tr> </table>		Name:	3M INNOVATIVE PROPERTIES COMPANY	Street Address:	P.O. BOX 33427	City:	SAINT PAUL	State/Country:	MINNESOTA	Postal Code:	55133-3427								
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PROPERTY NUMBERS Total: 1																			
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Application Number:	13875505																		
CORRESPONDENCE DATA																			
Fax Number:	(651)736-3833																		
Email:	pjbick@mmm.com																		
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																			
Correspondent Name:	3M INNOVATIVE PROPERTIES COMPANY																		
Address Line 1:	P.O. BOX 33427																		
Address Line 4:	SAINT PAUL, MINNESOTA 55133-3427																		
NAME OF SUBMITTER:	PAULA J. BICK																		

Signature:	/Paula J. Bick/
Date:	01/02/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 8</b> source=Assignment_Executed_74018US002#page1.tif source=Assignment_Executed_74018US002#page2.tif source=Assignment_Executed_74018US002#page3.tif source=Assignment_Executed_74018US002#page4.tif source=Assignment_Executed_74018US002#page5.tif source=Assignment_Executed_74018US002#page6.tif source=Assignment_Executed_74018US002#page7.tif source=Assignment_Executed_74018US002#page8.tif	

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)	Case No:	74018US002
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As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

**MULTI-LAYERED SOLAR CELL DEVICE**

The specification of which:

☐ is attached hereto;

☒ was filed on **May 2, 2013**  
as United States Application No.

**13/875,505**

☐ is identified as PCT International Application No.  
filed on

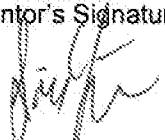
The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made;

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Legal Name of Inventor: <b>Onur S. Yordem</b>	
Inventor's Signature: 	Date: <b>11/5/2013</b>

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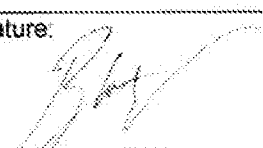
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Legal Name of Inventor: <b>Gilles J. Benoit</b>	
Inventor's Signature: 	Date: <u>11/01/2013</u>

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Legal Name of Inventor: <b>Jingfei Chen</b>	
Inventor's Signature: <i>Jingfei Chen</i>	Date: <i>2013/11/12</i>

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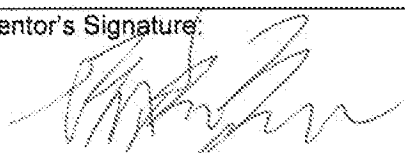
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Legal Name of Inventor:

**Guanglei Du**

Inventor's Signature:



Date:

**OCT 31, 2013**

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Legal Name of Inventor: <b>Yan Yan Zhang</b>	
Inventor's Signature: <i>Yan yan Zhang</i>	Date: <i>Oct 31, 2013</i>

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Legal Name of Inventor: <b>Julie Liu</b>	
Inventor's Signature: <i>Julie Liu</i>	Date: <i>2013-12-12</i>



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Legal Name of Inventor: <b>Bob Guo</b>	
Inventor's Signature: <i>Bob Guo</i>	Date: <i>2013.11.1</i>

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