

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2599967

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>RAFAEL KLEIMAN</td> <td>06/13/2012</td> </tr> <tr> <td>JINGFENG YANG</td> <td>06/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	RAFAEL KLEIMAN	06/13/2012	JINGFENG YANG	06/13/2012
Name	Execution Date						
RAFAEL KLEIMAN	06/13/2012						
JINGFENG YANG	06/13/2012						
RECEIVING PARTY DATA							
Name:	MCMASTER UNIVERSITY						
Street Address:	1280 MAIN STREET WEST						
City:	HAMILTON, ONTARIO L8S 4L8						
State/Country:	CANADA						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14115128</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14115128		
Property Type	Number						
Application Number:	14115128						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
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Address Line 2:	QUARLES & BRADY LLP ATTN: IP DOCKET						
Address Line 4:	MILWAUKEE, WISCONSIN 53202-4426						
ATTORNEY DOCKET NUMBER:	153836.00003						
NAME OF SUBMITTER:	JONATHAN D. STONE						
Signature:	/Jonathan D. Stone/						
Date:	11/01/2013						

Total Attachments: 4

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Our File: 293-026-P

WORLDWIDE ASSIGNMENT

WE, **Rafael KLEIMAN** and **Jingfeng YANG** whose full post office addresses are, 24 Ravenscliffe Avenue, Hamilton, Ontario L8P 3M4, Canada and 303-20 Erie Avenue, Hamilton, Ontario L8N 2W6, Canada, have invented "**AREAL CURRENT MATCHING OF TANDEM SOLAR CELLS**" for which the United States provisional patent application was filed:

Filing Date: **May 2, 2011**  
Serial No. **61/481,472**

and for which the International PCT patent application was filed:

Filing Date: **April 30, 2012**  
Serial No. **PCT/CA2012/050275**

in consideration of Two Dollars (\$2.00) paid to US, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, WE by these presents confirm that WE have sold, transferred and assigned and do hereby sell, transfer and assign to **MCMASTER UNIVERSITY**, ("Assignee"), having offices at, 1280 Main Street West, Hamilton, Ontario L8S 4L8, Canada, its successors and assigns or nominees, all OUR rights, title and interest in all the countries of the world in and to OUR invention as fully described and claimed in the International PCT application and WE sell, assign and transfer to **MCMASTER UNIVERSITY**, all OUR rights to apply for patent on said invention in all the countries of the world including any and all full utility applications, divisions, continuations, continuation-in-part, re-examinations, renewals, reissues and/or extensions thereof, and all national phase applications and all OUR corresponding rights, title and interest in and to any patent which may issue therefor in all the countries of the world and we each make this assignment independently of each other.

AND WE UNDERTAKE to sign such further documents to effect the aforesaid sale, assignment and transfer as may be required from time to time, without reimbursement, but at the expense of **MCMASTER UNIVERSITY**.

AND WE authorize **HILL & SCHUMACHER**, Patent and Trademark Agents, of 264 Avenue Road, Toronto, Ontario M4V 2G7, Canada to enter the particulars of the signature and particulars of the Declaration of Witness when missing.

The agreement shall be retroactive *nunc pro tunc* to the filing date of the PCT application such that the effective date of this agreement is April 30, 2012.

This assignment can be signed in counterparts

Signed at (city/town) Hamilton, ON

this 13 day of June, 2012.

Rafael Kleiman

Rafael KLEIMAN

**DECLARATION OF WITNESS**

I, LINDA J. WILSON, whose full post office address is, 1280 MOIR ST. W. HAMILTON L8S 4L7, hereby declare that that I was personally present and did see Rafael KLEIMAN who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (city/town) HAMILTON

This 13<sup>th</sup> day of June, 2012.

L.J. Wilson  
(Signature of Witness)

Signed at (city/town) Hamilton

this 13<sup>th</sup> day of June, 2012.

Jingfeng Yang

Jingfeng YANG

DECLARATION OF WITNESS

I, LINDA J. WILSON, whose full post office address is, 1280 Main St W, Hamilton L8S 4L7 hereby declare that that I was personally present and did see Jingfeng YANG who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (city/town) Hamilton

This 13<sup>th</sup> day of June, 2012.

L. J. Wilson  
(Signature of Witness)

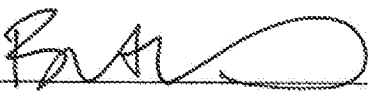
ACCEPTANCE

The Assignee accepts this assignment.

Signed at (city/town) HAMILTON

This 14<sup>TH</sup> day of JUNE, 2012.

MCMASTER UNIVERSITY

Signature: 

Name: Brent Davis

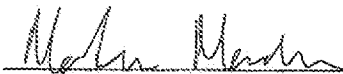
Position: Interim Director

DECLARATION OF WITNESS

I, Madeline McIsaac, whose full post office address is 1113 Queensdale Ave East Hamilton, hereby declare that I was personally present and did see, Brent Davis, who is personally known to me to be the person that has duly signed and executed the above assignment on behalf of MCMASTER UNIVERSITY.

DECLARED at (city/town) Hamilton

This 14<sup>th</sup> day of June, 2012.



(Signature of Witness)