PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name		Execution Date	
Eric Mazur	05/06/2010		
Brian R. Tull		05/06/2010	
Mark T. Winkler	05/06/20		
RECEIVING PARTY DATA			
	President and Fellows of Harvard College		
	17 Quincy Street		
	Cambridge		
State/Country: MASSACHUSETTS	CHUSETTS		
Postal Code: 02138	stal Code: 02138		
PROPERTY NUMBERS Total: 1			
Property Type Number		2871	
PCT Number: US093	32871	US0932871	
140.0 0.0			
Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: (617) 495-3067			
Email: catherine_maloney@harvard.edu			
Correspondent Name: Anne Craig			
Address Line 1: 1350 Massachusetts Ave			
Address Line 2: Harvard University, Office of Tech. Dev.			
Address Line 4: Cambridge, MASSACHUSETTS 02138			
ATTORNEY DOCKET NUMBER:	3140		
NAME OF SUBMITTER:	Anne Craig		
Total Attachments: 6 source=PCT_US09_32871#page1.tif PATENT			

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P.4/7

Patent Assignment HU Case 3140 Appln. No(s): 61/025,499, 61/053.080, PCT/US09/32871

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Eric Mazur, Mark T. Winkler and Brian R. Tull

(hereafter "Assignors") hereby assign, sell, and transfer to:

President and Fellows of Harvard College 17 Quincy Street, Cambridge, Massachusetts 02138

(hereafter "Assignee") its successors and assigns, Assignors' entire right, title and interest throughout the world in and to any and all inventions and improvements for:

A Multijunction Photovoltaic Device

described in U.S. Provisional Patent Applications Nos. 61/025,499 filed February 1, 2008, and 61/053,080 filed May 14, 2008, and International Patent Application No. PCT/US09/32871 filed February 2, 2009: and in and to the aforesaid application(s), in any form or embodiment thereof, and in and to any application filed in this and any foreign country based thereon, including the right to file said applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

Assignors hereby warrant that they have full right to convey their entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignors further agree, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

> PATENT REEL: 029761 FRAME: 0597

Patent Assignment

HU Case 3140 Appln. No(s): 61/025,499, 61/053,080, PCT/US09/32871

The undersigned hereby authorize assignee or assignee's representative to insert into this Assignment said application serial number(s) and filing date(s) if not known at the time of execution of this assignment.

Eric Mazur MAY 6, 2010 Date

<u>MAY 6, 2010</u> Date

<u>Vingimia Casas</u> Witness <u>VIRGINIA CASAS</u> Witness's Printed Name

Date

Mark T. Winkler

Date

Witness

Witness's Printed Name

Date

Brian R. Tull

Date

Witness

Witness's Printed Name

2

PATENT REEL: 029761 FRAME: 0598 Patent Assignment HU Case 3140 Appln. No(s): 61/025,499, 61/053,080, PCT/US09/32871

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Assignors further agree, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

> PATENT REEL: 029761 FRAME: 0599

Patent Assignment HU Case 3140 Appln. No(s): 61/025,499, 61/053,080, PCT/US09/32871

The undersigned hereby authorize assignee or assignce's representative to insert into this Assignment said application serial number(s) and filing date(s) if not known at the time of execution of this assignment.

Eric Mazur Date Witness Date Witness's Printed Name $\frac{5/6}{2010}$ Date 5/6/2010Z010 Mark Edmun EDMOND W. SCHUSTER Witness's Printed Name Brian R. Tull Date Witness Date Witness's Printed Name

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Assignors further agree, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

PATENT REEL: 029761 FRAME: 0601

The undersigned hereby authorize assignee or assignee's representative to insert into this Assignment said application serial number(s) and filing date(s) if not known at the time of execution of this assignment.

Date	Eric Mazur	
Date	Witness	
	Witness's Printed Name	
Date	Mark T. Winkler	
Date	Witness	
	Witness's Printed Name	
<u>5/(0/20)0</u> Date	Brian R. Tull	
Date 5/6/2016 Date	Brian P. Gleason	
	Brign P. Gleason Witness's Printed Name	