

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Dr. Mark W. Wanlass		04/28/2008
Dr. Angelo Mascarenhas		04/28/2008
RECEIVING PARTY DATA		
Name:	MIDWEST RESEARCH INSTITUTE	
Street Address:	425 Volker Boulevard	
City:	Kansas City	
State/Country:	MISSOURI	
Postal Code:	64110	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12121463	
CORRESPONDENCE DATA		
Fax Number:	(303)384-7499	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	303-384-7575	
Email:	paul_white@nrel.gov	
Correspondent Name:	PAUL J WHITE, SENIOR COUNSEL NATIONAL RE	
Address Line 1:	1617 COLE BOULEVARD	
Address Line 4:	GOLDEN, COLORADO 80401-3393	
ATTORNEY DOCKET NUMBER:	NREL 05-17 CIP	
NAME OF SUBMITTER:	Paul J. White	
Total Attachments: 2		
source=05-17_Assignment#page1.tif		
source=05-17_Assignment#page2.tif		

CH \$40.00 12121463

500541185

PATENT
REEL: 020955 FRAME: 0425

ASSIGNMENT

WHEREAS, We, Mark W. Wanlass, 2104 Douglas Mountain Drive, Golden, County of Jefferson, State of Colorado; and Angelo Mascarenhas, 2285 South Holman Circle, Lakewood, County of Jefferson, State of Colorado, having invented certain new and useful improvements in Monolithic, Multi-Bandgap, Tandem, Ultra-Thin, Strain-Counterbalanced, Photovoltaic Energy Converters with Optimal Subcell Bandgaps which we are about to make application for Letters Patent of the United States, said application being identified as NREL IR No. 05-17CIP and; executed concurrently herewith; and;

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, Midwest Research Institute, of 425 Volker Blvd., Kansas City, Missouri 64110, a corporation fully organized and existing under the laws of the State of Missouri is desirous of acquiring the entire right, title, and interest therein and thereto;

NOW THEREFORE, be it known that for good and other consideration to us in hand paid, the receipt of which is hereby acknowledged, we, the said Mark W. Wanlass and Angelo Mascarenhas, by these presents do sell, assign, and transfer unto the said Midwest Research Institute, its successors, legal representatives and assigns, our entire right, title, and interest in and to said invention and the aforesaid application, for the United States of America and for all foreign countries and to all Letters Patents, continuations and reissues, and extensions to be obtained therefore; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this assignment to Midwest Research Institute, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal on
the date set forth hereinafter.

Witness

Witness

Mark W. Wanlass

Angelo Mascarenhas

COUNTY OF JEFFERSON)

STATE OF COLORADO)

Before me, a Notary Public in and for the said County and State, personally appeared Mark W. Wanlass and Angelo Mascarenhas, who are known to me to be the persons whose names are subscribed to the foregoing, and acknowledged to me that they executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this 28th day of April, 2008.

My commission expires: December 12, 2010.

[Seal]

Janice F. Brown, Notary Public

Approved and consented to this 15th day of March, 2008.

ATTEST:

MIDWEST RESEARCH INSTITUTE

By

Paul J. White, Reg. No. 30,436
Senior Patent Counsel