

Form PTO-1595 (Rev. 07/05)
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CAB	RECORDATION FORM COVER SHEET PATENTS ONLY	S-107,231
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1. Name of conveying party(ies) <u>Midwest Research Institute</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>United States Department of Energy</u> Internal Address: _____ Street Address: <u>1000 Independence Ave., S.W.</u> City: <u>Washington</u> State: <u>D.C.</u> Country: <u>USA</u> Zip: <u>20585</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>May 20, 2008</u> <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input checked="" type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>Serial No. 12/121,463</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Mark P. Dvorscak</u> Internal Address: <u>U. S. Dept. of Energy, IPLD</u> Street Address: <u>9800 S. Cass Ave.</u> City: <u>Argonne</u> State: <u>IL</u> Zip: <u>60439</u> Phone Number: <u>630-252-2393</u> Fax Number: <u>630-252-2779</u> Email Address: _____	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> None required (government interest not affecting title)	
8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number _____ Authorized User Name _____		
9. Signature: <u>Michael J. Dobbs</u> 5/21/2008 <div style="display: flex; justify-content: space-between; width: 100%;"> Signature Date </div> <div style="display: flex; justify-content: space-between; width: 100%; margin-top: 5px;"> Name of Person Signing <u>Michael J. Dobbs #58,093</u> <div style="text-align: right;"> Total number of pages including cover sheet, attachments, and documents: 2 </div> </div>		

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DOE Docket No.: S-107,231

CONFIRMATORY LICENSE

Application for: MONOLITHIC MULTI-BANDGAP, TANDEM, ULTRA-THIN STRAIN-COUNTERBALANCED, PHOTOVOLTAIC ENERGY CONVERTERS WITH OPTIMAL SUBCELL BANDGAPS
Inventor(s): Mark W. Wanlass and Angelo Mascarenhas
Serial No.: 12/121,463
Filing Date: May 15, 2008
Contract No.: DE-AC36-99GO10337
Contractor: Midwest Research Institute

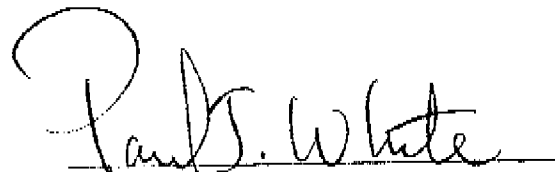
The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract governing patent rights in the Subject Invention at the time the invention was made has been submitted to the U.S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 20th day of May, 2008.


Paul J. White
Senior Counsel

National Renewable Energy Laboratory
1617 Cole Blvd.
Golden, CO 80401