

PATENT ASSIGNMENT

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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>Reese REYNOLDS</td><td>08/23/2010</td></tr><tr><td>Wail George MANSOUR</td><td>08/23/2010</td></tr><tr><td>Mark DIPIETRO</td><td>08/24/2010</td></tr><tr><td>Chetwyn JONES</td><td>08/23/2010</td></tr></tbody></table>		Name	Execution Date	Reese REYNOLDS	08/23/2010	Wail George MANSOUR	08/23/2010	Mark DIPIETRO	08/24/2010	Chetwyn JONES	08/23/2010
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>MRL Industries, Inc.</td></tr><tr><td>Street Address:</td><td>19500 Nugget Blvd.</td></tr><tr><td>City:</td><td>Sonora</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95370</td></tr></table>		Name:	MRL Industries, Inc.	Street Address:	19500 Nugget Blvd.	City:	Sonora	State/Country:	CALIFORNIA	Postal Code:	95370
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (202)595-0530 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	47488-5006 (449090)										
NAME OF SUBMITTER:	Jeffrey G. Killian										
Total Attachments: 2 source=47488_5006_assignment__20100825#page1.tif											

OP \$40.00 12711595

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PATENT  
REEL: 024882 FRAME: 0977



# ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

## APPARATUS FOR MANUFACTURE OF PV SOLAR CELLS OR THIN FILM SOLAR MODULES

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application of United States Letters Patent on February 24, 2010, (Application No. 12/711,595); and

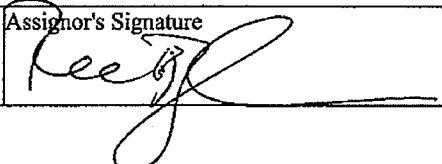
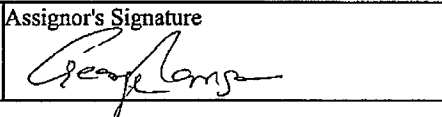
WHEREAS MRL Industries, Inc., a corporation of California, whose post office address is 19500 Nugget Blvd., Sonora, California 95370 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

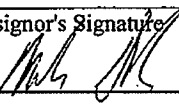
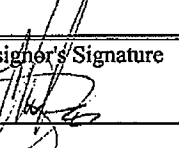
AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Reese REYNOLDS	Assignor's Signature 	Date 8/23/2010
Address: 115 Craig Way, Los Gatos, CA 95032 USA		Citizenship US
Full Name of Second Assignor Wail George MANSOUR	Assignor's Signature 	Date 8/23/2010
Address: 779 Three Chimneys Way, Oakdale, CA 95361 USA		Citizenship CA

Names of additional inventors attached ☒ Yes ☐ No

<b>Full Name of Third Assignor</b> Mark DIPIETRO	<b>Assignor's Signature</b> 	<b>Date</b> 8/24/10
<b>Address:</b> 230 Orman Road, Boulder Creek, CA 95006 USA		<b>Citizenship</b> US
<b>Full Name of Fourth Assignor</b> Chetwyn JONES	<b>Assignor's Signature</b> 	<b>Date</b> 8/23/10
<b>Address:</b> 4510 Iowa Ave., N.W., Washington, DC 20011 USA		<b>Citizenship</b> US
<b>Full Name of Fifth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address:</b>		<b>Citizenship</b>
<b>Full Name of Sixth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address:</b>		<b>Citizenship</b>
<b>Full Name of Seventh Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address:</b>		<b>Citizenship</b>
<b>Full Name of Eighth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address:</b>		<b>Citizenship</b>
<b>Full Name of Ninth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address:</b>		<b>Citizenship</b>
<b>Full Name of Tenth Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address:</b>		<b>Citizenship</b>
<b>Full Name of Eleventh Assignor</b>	<b>Assignor's Signature</b>	<b>Date</b>
<b>Address:</b>		<b>Citizenship</b>

Names of additional inventors attached ☐ Yes ☒ No