

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Alexey KRASNOV</td> <td>03/12/2012</td> </tr> <tr> <td>Jochen BUTZ</td> <td>03/13/2012</td> </tr> <tr> <td>Uwe KRILTZ</td> <td>03/22/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Alexey KRASNOV | 03/12/2012 | Jochen BUTZ | 03/13/2012 | Uwe KRILTZ | 03/22/2012 | | |
| Name | Execution Date | | | | | | | | | | |
| Alexey KRASNOV | 03/12/2012 | | | | | | | | | | |
| Jochen BUTZ | 03/13/2012 | | | | | | | | | | |
| Uwe KRILTZ | 03/22/2012 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>Guardian Industries Corp.</td> </tr> <tr> <td>Street Address:</td> <td>2300 Harmon Road</td> </tr> <tr> <td>City:</td> <td>Auburn Hills</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48326-1714</td> </tr> </table> | | Name: | Guardian Industries Corp. | Street Address: | 2300 Harmon Road | City: | Auburn Hills | State/Country: | MICHIGAN | Postal Code: | 48326-1714 |
| Name: | Guardian Industries Corp. | | | | | | | | | | |
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| <table border="1"> <tr> <td>Name:</td> <td>Centre Luxembourgeois de Recherches pour le Verre et la Ceramique S.A. (C.R.V.C.)</td> </tr> <tr> <td>Street Address:</td> <td>Zone Industrielle Wolser</td> </tr> <tr> <td>City:</td> <td>Dudelange</td> </tr> <tr> <td>State/Country:</td> <td>LUXEMBOURG</td> </tr> <tr> <td>Postal Code:</td> <td>L-3452</td> </tr> </table> | | Name: | Centre Luxembourgeois de Recherches pour le Verre et la Ceramique S.A. (C.R.V.C.) | Street Address: | Zone Industrielle Wolser | City: | Dudelange | State/Country: | LUXEMBOURG | Postal Code: | L-3452 |
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| 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>13349964</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13349964 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13349964 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | (703)816-4100 | | | | | | | | | | |
| Phone: | 7038164000 | | | | | | | | | | |
| Email: | caj@nixonvan.com | | | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | | | |
| Correspondent Name: | Nixon & Vanderhye P.C. | | | | | | | | | | |
| Address Line 1: | 901 N. Glebe Road | | | | | | | | | | |

OP \$40.00 13349964

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ATTORNEY DOCKET NUMBER:

JAR-3691-2543

NAME OF SUBMITTER:

Joseph A. Rhoa

Total Attachments: 6

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ASSIGNMENT FOR PATENT APPLICATION
(All Rights)

WHEREAS, Alexey KRASNOV of 42116 Carriage Cove Circle, Canton, Michigan 48187, (hereinafter ASSIGNOR) has made an invention entitled **PHOTOVOLTAIC MODULE INCLUDING HIGH CONTACT ANGLE COATING ON ONE OR MORE OUTER SURFACES THEREOF, AND/OR METHODS OF MAKING THE SAME** for which a so-entitled application for Letters Patent of the United States was filed on **January 13, 2012** under **Serial No. 13/349,964**;

WHEREAS, Guardian Industries Corp. (hereinafter ASSIGNEE), a corporation of the State of Michigan, having an office and place of business at 2300 Harmon Road, Auburn Hills, Michigan, 48326-1714, is desirous of acquiring an interest therein;

NOW, THEREFORE, for valuable consideration the receipt and sufficiency of which are hereby acknowledged, the below listed of said ASSIGNOR by these presents, having sold, assigned and transferred, hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models,


and any other international agreements to which the United States of America adheres, and the below listed ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

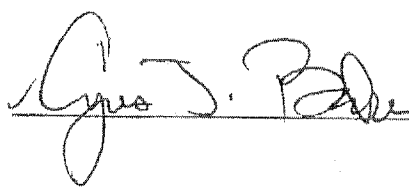
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

✓ 03/12/12 ✓
Date


Alexey KRASNOV

 Witnessed by:

ASSIGNMENT FOR PATENT APPLICATION
(All Rights)

WHEREAS, Jochen BUTZ of Gutsmuth-Str. 2a, Wolfen, Germany D-06766 and Uwe KRILTZ of Am Monchenberge 5, Jena, Germany D-07751 (hereinafter ASSIGNORS) have made an invention entitled **PHOTOVOLTAIC MODULE INCLUDING HIGH CONTACT ANGLE COATING ON ONE OR MORE OUTER SURFACES THEREOF, AND/OR METHODS OF MAKING THE SAME** for which a so-entitled application for Letters Patent of the United States was filed on **January 13, 2012**, under Serial No. **13/349,964**;

WHEREAS, Centre Luxembourgeois de Recherches pour le Verre et la Ceramique S.A. (C.R.V.C.), (hereinafter ASSIGNEE), having an office and place of business at Zone Industrielle Wolser, L-3452 Dudelange, Grand Duché de Luxembourg, is desirous of acquiring an interest therein;

NOW, THEREFORE, for valuable consideration the receipt and sufficiency of which are hereby acknowledged, the below listed of said ASSIGNORS by these presents, having sold, assigned and transferred, hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the

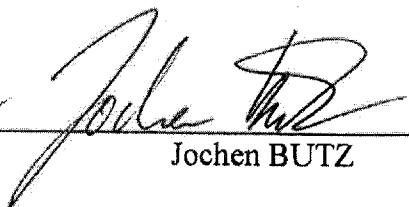
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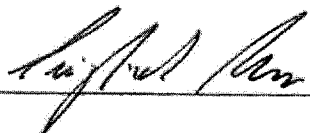
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AGREED and executed as noted below:

✓ 03/13/2012
Date

✓ 
Jochen BUTZ

✓ 

Witness by: Siegfried Kern

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AGREED and executed as noted below:

✓ 22 Mar 2012
Date

✓ 
Uwe KRILTZ

✓  Witness by: Berthold