

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2578047

| 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>TOMMY F. RODRIGUES</td> <td>10/03/2013</td> </tr> <tr> <td>SUDHIR RAILKAR</td> <td>10/04/2013</td> </tr> <tr> <td>DANIEL E. BOSS</td> <td>10/04/2013</td> </tr> <tr> <td>DAVID J. GENNRICH</td> <td>10/04/2013</td> </tr> <tr> <td>CORY BOUDREAU</td> <td>10/04/2013</td> </tr> <tr> <td>DANIEL ROGER NETT</td> <td>10/04/2013</td> </tr> <tr> <td>KENT J. KALLSEN</td> <td>10/07/2013</td> </tr> </tbody> </table> |   | Name          | Execution Date                            | TOMMY F. RODRIGUES  | 10/03/2013               | SUDHIR RAILKAR | 10/04/2013 | DANIEL E. BOSS | 10/04/2013 | DAVID J. GENNRICH | 10/04/2013 | CORY BOUDREAU | 10/04/2013 | DANIEL ROGER NETT | 10/04/2013 | KENT J. KALLSEN | 10/07/2013 |
| Name  | Execution Date                            |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| TOMMY F. RODRIGUES  | 10/03/2013                                |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| SUDHIR RAILKAR  | 10/04/2013                                |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| DANIEL E. BOSS  | 10/04/2013                                |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| DAVID J. GENNRICH   | 10/04/2013                                |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| CORY BOUDREAU   | 10/04/2013                                |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| DANIEL ROGER NETT   | 10/04/2013                                |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| KENT J. KALLSEN   | 10/07/2013                                |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| RECEIVING PARTY DATA  |   |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| <table border="1"> <tr> <td>Name:</td> <td>BUILDING MATERIALS INVESTMENT CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>2600 SINGLETON BOULEVARD</td> </tr> <tr> <td>City:</td> <td>DALLAS</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75212</td> </tr> </table>  |   | Name:         | BUILDING MATERIALS INVESTMENT CORPORATION | Street Address:     | 2600 SINGLETON BOULEVARD | City:          | DALLAS     | State/Country: | TEXAS      | Postal Code:      | 75212      |               |            |                   |            |                 |            |
| Name:   | BUILDING MATERIALS INVESTMENT CORPORATION |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| Street Address:   | 2600 SINGLETON BOULEVARD                  |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| City:   | DALLAS                                    |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| State/Country:  | TEXAS                                     |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| Postal Code:  | 75212                                     |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| 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>14044196</td> </tr> </tbody> </table>   |   | Property Type | Number                                    | Application Number: | 14044196                 |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| Property Type   | Number                                    |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| Application Number:   | 14044196                                  |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| CORRESPONDENCE DATA   |   |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| <p>Fax Number:</p> <p>Phone: 404-872-7000</p> <p>Email: sgray@wcsr.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: WOMBLE CARLYLE SANDRIDGE &amp; RICE, LLP</p> <p>Address Line 1: ATTN: IP DOCKETING</p> <p>Address Line 2: P.O. BOX 7037</p> <p>Address Line 4: ATLANTA, GEORGIA 30357-0037</p>  |   |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |
| ATTORNEY DOCKET NUMBER:   | G151 1320US.1                             |               |   |                     |                          |                |            |                |            |                   |            |               |            |                   |            |                 |            |

PATENT

|  |                  |
|--|------------------|
| NAME OF SUBMITTER:   | /STEVEN D. KERR/ |
| Signature:   | /Steven D. Kerr/ |
| Date:  | 10/15/2013       |
| <p>Total Attachments: 9</p> <p>source=G151_1320US_1_assignment#page1.tif</p> <p>source=G151_1320US_1_assignment#page2.tif</p> <p>source=G151_1320US_1_assignment#page3.tif</p> <p>source=G151_1320US_1_assignment#page4.tif</p> <p>source=G151_1320US_1_assignment#page5.tif</p> <p>source=G151_1320US_1_assignment#page6.tif</p> <p>source=G151_1320US_1_assignment#page7.tif</p> <p>source=G151_1320US_1_assignment#page8.tif</p> <p>source=G151_1320US_1_assignment#page9.tif</p> |                  |

**PATENT AND INVENTION ASSIGNMENT**  
*[Patent Application and related inventions]*

WHEREAS, the undersigned:

**TOMMY F. RODRIGUES**, a citizen of the United States of America, residing at  
129 Stager Street, Nutley, New Jersey 07110;

**SUDHIR RAILKAR**, a citizen of the United States of America, residing at  
78 Carol Place, Wayne, New Jersey 07470;

**DANIEL E. BOSS**, a citizen of the United States of America, residing at  
1338 Windhaven Drive, Murphy, Texas 75094;

**DAVID J. GENNRICH**, a citizen of the United States of America, residing at  
5751 Monticello Way, Fitchburg, Wisconsin 53719;

**CORY BOUDREAU**, a citizen of the United States of America, residing at  
8382 Hidden Bay Trail, Lake Elmo, Minnesota 55042;

**DANIEL ROGER NETT**, a citizen of the United States of America, residing at  
3234 Weybridge Drive, Sun Prairie, Wisconsin 53590; and

**KENT J. KALLSEN**, a citizen of the United States of America, residing at  
1147 Hillebrand Drive, Jefferson, Wisconsin 53549.

(HEREINAFTER COLLECTIVELY REFERRED TO AS "ASSIGNORS") have invented certain inventions and improvements disclosed in an application for Letters Patent entitled **ROOF INTEGRATED SOLAR PANEL SYSTEM WITH SIDE MOUNTED MICRO INVERTERS**, for Patent Application No. 14/044,196 which was filed in the United States Patent and Trademark Office on October 2, 2013;

WHEREAS, it is agreed that **BUILDING MATERIALS INVESTMENT CORPORATION**, a Corporation of the State of Delaware, having its principal place of business at 2600 Singleton Boulevard, Dallas, Texas 75212, is entitled to or is desirous of acquiring all right, title and interest related to the same;

Patent and Invention Assignment  
Attorney Docket No. G151 1320US.1  
Title: Roof Integrated Solar Panel System with Side Mounted Micro Inverters  
Serial No.: Unassigned  
Filed: Herewith

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors, by these presents do sell, assign and transfer unto **BUILDING MATERIALS INVESTMENT CORPORATION**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part the said inventions and improvements, preparatory to obtaining Patents of the United States therefor, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from any of the afore-mentioned patent applications; and Assignors do hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **BUILDING MATERIALS INVESTMENT CORPORATION** as Assignee, for its interest and for the sole use and behoof of **BUILDING MATERIALS INVESTMENT CORPORATION** and its assigns and legal representatives;

FOR THE SAME CONSIDERATION, Assignors by these presents do sell, assign and transfer to **BUILDING MATERIALS INVESTMENT CORPORATION** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **BUILDING MATERIALS INVESTMENT CORPORATION** and or its respective designees, insofar as permitted by applicable law;

AND, FOR THE SAME CONSIDERATION, Assignors do hereby agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **BUILDING MATERIALS INVESTMENT CORPORATION** its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Patent and Invention Assignment  
Attorney Docket No. G151 1320US.1  
Title: Roof Integrated Solar Panel System with Side Mounted Micro Inverters  
Serial No.: Unassigned  
Filed: Herewith

October 3, 2013

Tommy Rodriguez

DATE

TOMMY F. RODRIGUES

STATE OF New Jersey

COUNTY OF PASSAIC

Before me, a Notary Public in and for the County and State aforesaid, on this 3rd day of OCTOBER, 2013, personally appeared **TOMMY F. RODRIGUES** is known to me to be the same person whose name is subscribed to the foregoing Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.

Jan Marie Titus  
NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_

(SEAL)

**Jan Marie Titus**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission No. 2195095**  
**My Commission expires Nov 7, 2016**

Patent and Invention Assignment  
Attorney Docket No. G151 1320US.1  
Title: Roof Integrated Solar Panel System with Side Mounted Micro Inverters  
Serial No.: Unassigned  
Filed: Herewith

10-4-2013  
DATE

*Sudhir Railkar*  
SUDHIR RAILKAR

STATE OF New Jersey  
COUNTY OF PASSAIC

Before me, a Notary Public in and for the County and State aforesaid, on this 4<sup>th</sup> day of OCTOBER, 2013, personally appeared SUDHIR RAILKAR is known to me to be the same person whose name is subscribed to the foregoing Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.

*Jan Marie Titus*  
NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_

(SEAL)

Jan Marie Titus  
NOTARY PUBLIC OF NEW JERSEY  
Commission No. 2195095  
My Commission expires Nov 7, 2016

Patent and Invention Assignment  
Attorney Docket No. G151 1320US.1  
Title: Roof Integrated Solar Panel System with Side Mounted Micro Inverters  
Serial No.: Unassigned  
Filed: Herewith

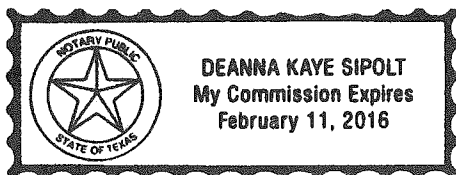
10/4/13  
DATE

*Daniel E. Boss*  
DANIEL E. BOSS

STATE OF *Texas*  
COUNTY OF *Dallas*

Before me, a Notary Public in and for the County and State aforesaid, on this 4<sup>th</sup> day of October, 2013, personally appeared **DANIEL E. BOSS** is known to me to be the same person whose name is subscribed to the foregoing Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.



(SEAL)

*Deanna Kaye Sipolt*  
NOTARY PUBLIC

My Commission Expires: February 11, 2016

Patent and Invention Assignment  
Attorney Docket No. G151 1320US.1  
Title: Roof Integrated Solar Panel System with Side Mounted Micro Inverters  
Serial No.: Unassigned  
Filed: Herewith

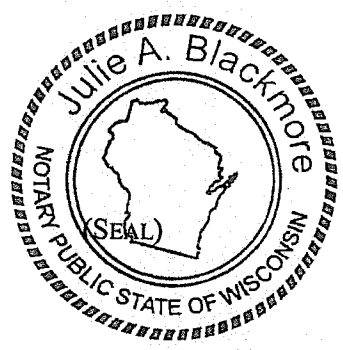
10-4-2013  
DATE

David Gennrich  
DAVID J. GENNRICH

STATE OF Wisconsin  
COUNTY OF Dane

Before me, a Notary Public in and for the County and State aforesaid, on this 4 day of October, 2013, personally appeared **DAVID J. GENNRICH** is known to me to be the same person whose name is subscribed to the foregoing Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.



Julie A. Blackmore  
NOTARY PUBLIC  
My Commission Expires: 2/16/14



Patent and Invention Assignment  
Attorney Docket No. G151 1320US.1  
Title: Roof Integrated Solar Panel System with Side Mounted Micro Inverters  
Serial No.: Unassigned  
Filed: Herewith

October 4, 2013  
DATE

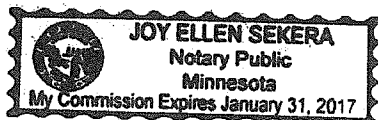
Cory Boudreau  
CORY BOUDREAU

STATE OF Minnesota

COUNTY OF Washington

Before me, a Notary Public in and for the County and State aforesaid, on this 4 day of October, 2013, personally appeared CORY BOUDREAU is known to me to be the same person whose name is subscribed to the foregoing Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.

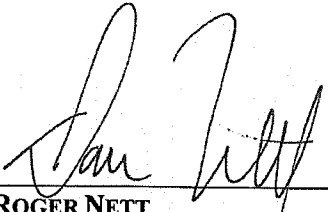


Joy Ellen Sekera  
NOTARY PUBLIC  
My Commission Expires: 1/31/17

(SEAL)

Patent and Invention Assignment  
Attorney Docket No. G151 1320US.1  
Title: Roof Integrated Solar Panel System with Side Mounted Micro Inverters  
Serial No.: Unassigned  
Filed: Herewith

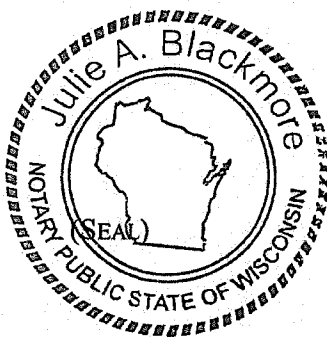
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DATE

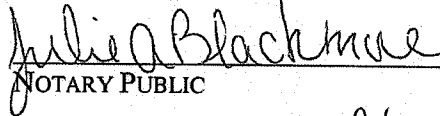
  
DANIEL ROGER NETT

STATE OF Wisconsin  
COUNTY OF Dane

Before me, a Notary Public in and for the County and State aforesaid, on this 4 day of October, 2013, personally appeared **DANIEL ROGER NETT** is known to me to be the same person whose name is subscribed to the foregoing Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.



  
NOTARY PUBLIC  
My Commission Expires: 2/16/14

Patent and Invention Assignment  
Attorney Docket No. G151 1320US.1  
Title: Roof Integrated Solar Panel System with Side Mounted Micro Inverters  
Serial No.: Unassigned  
Filed: Herewith

10/7/2013  
DATE

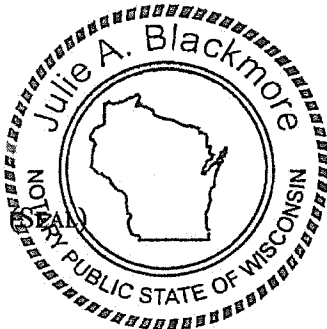
Kent J. Kallsen  
KENT J. KALLSEN

STATE OF Wisconsin

COUNTY OF Dane

Before me, a Notary Public in and for the County and State aforesaid, on this 7 day of October, 2013, personally appeared KENT J. KALLSEN is known to me to be the same person whose name is subscribed to the foregoing Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.



Julie A. Blackmore  
NOTARY PUBLIC

My Commission Expires: 8/16/14