**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT  

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOUGLAS CRAFTS</td>
<td>10/15/2015</td>
</tr>
<tr>
<td>OLIVER SCHULTZ-WITTMANN</td>
<td>10/13/2015</td>
</tr>
</tbody>
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### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name:</th>
<th>TETRASUN, INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address:</td>
<td>2161 O’TOOLE AVENUE</td>
</tr>
<tr>
<td>Internal Address:</td>
<td>SUITE 10</td>
</tr>
<tr>
<td>City:</td>
<td>SAN JOSE</td>
</tr>
<tr>
<td>State/Country:</td>
<td>CALIFORNIA</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>95131</td>
</tr>
</tbody>
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### PROPERTY NUMBERS Total: 1

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<tr>
<th>Property Type</th>
<th>Number</th>
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<tr>
<td>Application Number</td>
<td>14885098</td>
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</table>

### CORRESPONDENCE DATA

- **Fax Number:** (518)452-5579  
- **Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.**  
- **Phone:** 518-452-5600  
- **Email:** sdm@hrfmlaw.com  
- **Correspondent Name:** KEVIN P. RADIGAN, ESQ.  
- **Address Line 1:** HESLIN ROTHENBERG FARLEY & MESITI P.C.  
- **Address Line 2:** 5 COLUMBIA CIRCLE  
- **Address Line 4:** ALBANY, NEW YORK 12203

### ATTORNEY DOCKET NUMBER: 3304.008B

<table>
<thead>
<tr>
<th>NAME OF SUBMITTER:</th>
<th>KEVIN P. RADIGAN, ESQ.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIGNATURE:</td>
<td>/Kevin P. Radigan, Esq./</td>
</tr>
<tr>
<td>DATE SIGNED:</td>
<td>10/16/2015</td>
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This document serves as an Oath/Declaration (37 CFR 1.63).  

Total Attachments: 6  
source=H0413224#page1.tif  
source=H0413224#page2.tif
ASSIGNMENT & DECLARATION

WHEREAS, WE,

Douglas CRAFTS, a citizen of the United States, residing at 118760 Blythwood Drive, Los Gatos, California 95030 (USA); and

Oliver SCHULTZ-WITTMANN, a citizen of the Federal Republic of Germany, residing at 970 Corte Madera Avenue, Apt. #401, Sunnyvale, California 94085 (USA);

have invented certain new and useful improvements in

SHIELDED ELECTRICAL CONTACT AND DOPING THROUGH A PASSIVATING DIELECTRIC LAYER IN A HIGH-EFFICIENCY CRYSTALLINE SOLAR CELL, INCLUDING STRUCTURE AND METHODS OF MANUFACTURE

which is the subject of United States Patent Application Serial Number ___________ filed on _____________, which is a divisional of U.S. patent application Serial Number 13/637,176, filed September 26, 2012, which claims priority to United States Provisional Application No. 61/318,099, filed March 26, 2010, and is also related to PCT Application Serial No. PCT/US2010/031869, filed April 21, 2010, which claims priority to United States Provisional Application No. 61/171,194, filed April 21, 2009; and

WHEREAS, TetraSun, Inc., having offices at 2161 O’Toole Avenue, Suite 10, San Jose, California 95131, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which I hereby acknowledge, We, Douglas CRAFTS and Oliver SCHULTZ-WITTMANN, do hereby assign, transfer and set over to TetraSun, Inc., its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, of above-identified application - including the right to claim priority to said application – and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the
Commissioner of Patents of the United States, and any Official of any country or countries foreign
to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all
Letters Patent for said improvements to TetraSun, Inc., its successors, legal representatives and
assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that We have full right to convey the entire interest herein
assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that We will communicate to TetraSun,
Inc., its successors, legal representatives and assigns, any facts known to me respecting said
improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional,
continuing and reissue applications, make all rightful oaths and generally do everything possible
to aid TetraSun, Inc., its successors, legal representatives and assigns, to obtain and enforce
proper patent protection for said improvements in all countries;

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert
on this assignment any further identification which may be necessary or desirable in order to
comply with the rules of the United States Patent and Trademark Office for recordation of this
document;

AND WE HEREBY, as the above named inventors, declare that the above-identified
application was made or authorized to be made by us;

AND WE HEREBY, as the above named inventors, declare that We believe that We are
the original inventors of a claimed invention in the above-identified application;

AND WE HEREBY state that We have reviewed and understand the contents of the
above-identified specification, including the claims;

AND WE HEREBY acknowledge the duty to disclose to the United States Patent and
Trademark Office all information known to me to be material to patentability as defined in Title
37, Code of Federal Regulations, Section 1.56;
AND WE HEREBY declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that any willful false statements and the like so made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15th day of October, 2015.

________________________
Douglas CRAFTS

Witness

Witness

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of
________________________

Witness

Witness

________________________
Oliver SCHULTZ-WITTMANN

Witness

Witness
ASSIGNMENT & DECLARATION

WHEREAS, WE,

Douglas CRAFTS, a citizen of the United States, residing at 118760 Blythswood Drive, Los Gatos, California 95030 (USA); and

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Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to TetraSun, Inc., its successors, legal representatives and assigns, in accordance with the terms of this instrument:

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith:

AND WE HEREBY further covenant and agree that We will communicate to TetraSun, Inc., its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid TetraSun, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries:

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

AND WE HEREBY, as the above named inventors, declare that the above-identified application was made or authorized to be made by us:

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AND WE HEREBY declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that any willful false statements and the like so made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of ________________ , 2015.

______________________________
Douglas CRAFTS

Witness

Witness

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ___ th day of

______________________________
October______, 2015.

______________________________
Oliver SCHULTZ-WITTMANN

Witness

Witness