**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

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**CONVEYING PARTY DATA**

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<tr>
<th>Name</th>
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<tr>
<td>Stephane Taunier</td>
<td>11/04/2005</td>
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<tr>
<td>Olivier Kerrec</td>
<td>11/04/2005</td>
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<tr>
<td>Michel Mahe</td>
<td>11/04/2005</td>
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<tr>
<td>Denis Guimard</td>
<td>11/04/2005</td>
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<tr>
<td>Moez Ben-Farah</td>
<td>11/04/2005</td>
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<tr>
<td>Daniel Lincot</td>
<td>11/04/2005</td>
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<td>Jean-Francois Guillemoles</td>
<td>11/04/2005</td>
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<tr>
<td>Pierre-Philippe Grand</td>
<td>11/04/2005</td>
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<tr>
<td>Pierre Cowache</td>
<td>11/04/2005</td>
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<tr>
<td>Jacques Vedel</td>
<td>11/04/2005</td>
</tr>
</tbody>
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**RECEIVING PARTY DATA**

Name: Electricite De France Service National  
Street Address: 22-30 avenue de Wagram  
City: Parks  
State/Country: FRANCE  
Postal Code: 75008

Name: Centre National De La Recherche Scientifique - CNRS  
Street Address: 3, rue Michel Ange  
City: Paris Cedex 16  
State/Country: FRANCE  
Postal Code: 75794

**PROPERTY NUMBERS Total: 1**

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<tr>
<td>Application Number</td>
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**CORRESPONDENCE DATA**

500065643
Fax Number: (404)815-6555
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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Email: fyoung@kilpatrickstockton.com
Correspondent Name: John S. Pratt
Address Line 1: 1100 Peachtree Street
Address Line 2: Suite 2800
Address Line 4: Atlanta, GEORGIA 30309

<table>
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<tr>
<th>ATTORNEY DOCKET NUMBER:</th>
<th>42528-307526 (16721-0270)</th>
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<td>NAME OF SUBMITTER:</td>
<td>John K. McDonald, Ph.D.</td>
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Total Attachments: 4
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ASSIGNMENT

WHEREAS, we, (1) STÉPHANE TAUNIER, a citizen of France, residing at 2, rue Crozatier, 75012 Paris, France; (2) OLIVIER KERREC, a citizen of France, residing at 32, rue Docteur Zamenhof, 92500 Rueil Malmaison, France; (3) MICHEL MAHE, a citizen of France, residing at Cité des Guettes – Bt.A, 77670 Saint-Mammes, France; (4) DENIS GUIMARD, a citizen of France, residing at 80A, rue Bobillot, 75013 Paris, France; (5) MOÊZ BEN-FARAH, a citizen of France, residing at 12, rue des Sapins, 77210 Avon, France, (6) DANIEL LINCOT, a citizen of France, residing at 46, rue des Sources, 92160 Antony, France, (7) JEAN-FRANCOIS GUILLEMOLES, a citizen of France, residing at 80A, rue Bobillot, 75013 Paris, France; (8) PIERRE-PHILIPPE GRAND, a citizen of France, residing at 13, square Romansard, 92500 Rueil-Malmaison, France; (9) PIERRE COWACHE, a citizen of France, residing at 61, rue de Courcelles, 77290 Mitry-Mory, France; and (10) JACQUES VEDEL, a citizen of France, residing at 34, rue Auguste Bailly, 92600 Asnieres-Sur-Seine, France; have invented certain inventions and improvements disclosed in an application for Letters Patent entitled METHOD OF FABRICATING SEMICONDUCTORS IN THIN FILMS BASED ON I-III-VI₂ COMPOUNDS FOR PHOTOVOLTAIC APPLICATIONS, filed in the U.S. Patent & Trademark Office on October 27, 2004, and assigned Serial No. 10/512,961, which is a U.S. National Phase application of International Patent Application No. PCT/FR03/01282, filed in the French Receiving Office on April 23, 2003, claiming priority to French Patent Application No. 0205362, filed in the French Patent Office on April 29, 2002; and

WHEREAS, ELECTRICITE DE FRANCE SERVICE NATIONAL, a corporation of the country of France, having a principal place of business at 22-30 avenue de
U.S. Patent Application No. 10/512,961
Filed on October 27, 2004

Wagram, 75008 Parks, France; and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE – CNRS, a corporation of the country of France, having a principal place of business at 3, rue Michel Ange, 75794 Paris Cédex 16, France, are desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars ($5.00) and other good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, STÉPHANE TAUNIER, OLIVIER KERREC, MICHEL MAHE, DENIS GUIMARD, MOËZ BEN-FARAH, DANIEL LINCOT, JEAN-FRANCOIS GUILLEMOLES, PIERRE-PHILIPPE GRAND, PIERRE COWACHE and JACQUES VEDEL, by these presents do sell, assign and transfer unto ELECTRICITE DE FRANCE SERVICE NATIONAL and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE – CNRS, the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to ELECTRICITE DE FRANCE SERVICE NATIONAL and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE – CNRS, as the assignees, for their interest and for the sole use and benefit of ELECTRICITE DE FRANCE SERVICE NATIONAL and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE – CNRS, their assigns and legal representatives;
For the same consideration, we, by these presents do sell, assign, and transfer to ELECTRICITE DE FRANCE SERVICE NATIONAL and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE – CNRS, 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 Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of ELECTRICITE DE FRANCE SERVICE NATIONAL and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE – CNRS, or their designee(s) insofar as permitted by applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid ELECTRICITE DE FRANCE SERVICE NATIONAL and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE – CNRS, their successors, assigns, and nominees, to obtain and enforce
proper protection for all said inventions and improvements in all countries throughout the
world.

Dated: Nov 4, 2005

STÉPHANE TAUNIER

Dated: Nov 4, 2005

OLIVIER KERREC

Dated: Nov 4, 2005

MICHEL MAHE

Dated: Nov 4, 2005

DENIS GUIMARD

Dated: Nov 4, 2005

MOËZ BEN-FARAH

Dated: Nov 4, 2005

DANIEL LINCOT

Dated: Nov 4, 2005

JEAN-FRANCOIS GUILLEMOLES

Dated: Nov 4, 2005

PIERRE-PHILIPPE GRAND

Dated: Nov 4, 2005

PIERRE COWACHE

Dated: Nov 4, 2005

JACQUES VEDEL

KS Docket: 16721-0270 (42528-307526)