

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD ALLEN HAYES	05/13/2009
REBECCA L. SMITH	06/01/2009
KRISTOF PROOST	05/27/2009
STEVEN C. PESEK	05/20/2009
CHARLES ANTHONY SMITH	05/29/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	E. I. DU PONT DE NEMOURS AND COMPANY
<b>Street Address:</b>	4417 LANCASTER PIKE
<b>Internal Address:</b>	BARLEY MILL PLAZA 25
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19809
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12475776
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(302)355-3982
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	302-992-2973
<b>Email:</b>	CAROL.A.REEDER@USA.DUPONT.COM
<b>Correspondent Name:</b>	MARILYN BROMELS
<b>Address Line 1:</b>	4417 LANCASTER PIKE
<b>Address Line 2:</b>	BARLEY MILL PLAZA 25
<b>Address Line 4:</b>	WILMINGTON, DELAWARE 19809
<b>ATTORNEY DOCKET NUMBER:</b>	PP0032USNA

CH \$40.00 12475776

**500922541**

**PATENT  
 REEL: 023020 FRAME: 0567**

NAME OF SUBMITTER:

MARY BETH WROTEN

Total Attachments: 5

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# ASSIGNMENT

We, the undersigned

RICHARD ALLEN HAYES, REBECCA L. SMITH, KRISTOF PROOST, STEVEN C. PESEK, CHARLES ANTHONY SMITH

Hereby declare that

We are the true and first inventors of an invention entitled

SOLAR CELL MODULE HAVING A LOW HAZE ENCAPSULANT LAYER

(which is identified as Case Number PP0032USNA) and which is disclosed in an application for Letters Patent in the United States of America., the declaration for which was executed the 13 day of May, 2009.

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto E. I. DU PONT DE NEMOURS AND COMPANY, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

We further authorize our attorney/patent agent to insert below\* the application number and filing date of the aforesaid United States application now identified as Case Number PP0032USNA) after the same shall have been made known to him/her by the United States Patent Office.

[Signature] (L.S.)  
RICHARD ALLEN HAYES  
DATE: 5/13/2009

[Signature] (L.S.)  
STEVEN C. PESEK  
DATE: \_\_\_\_\_

[Signature] (L.S.)  
REBECCA L. SMITH  
DATE: \_\_\_\_\_

[Signature] (L.S.)  
CHARLES ANTHONY SMITH  
DATE: \_\_\_\_\_

[Signature] (L.S.)  
KRISTOF PROOST  
DATE: \_\_\_\_\_

\*The application referred to above as Case Number PP0032USNA was filed in the United States Patent Office

on June 1, 2009, and was given Application No. 121475,776.  
This insertion made by me this 27<sup>th</sup> day of July, 2009.

Marilyn M. Bromels  
MARILYN M. BROMELS  
ATTORNEY/PATENT AGENT FOR APPLICANTS  
Registration No.: 35,080  
Telephone: (302) 992-2041  
Facsimile: (302) 992-3257

**PATENT**  
**REEL: 023020 FRAME: 0569**

# ASSIGNMENT

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(which is identified as Case Number PP0032USNA) and which is disclosed in an application for Letters Patent in the United States of America., the declaration for which was executed the 1 day of June, 2009.

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto **E. I. DU PONT DE NEMOURS AND COMPANY**, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

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We further authorize our attorney/patent agent to insert below\* the application number and filing date of the aforesaid United States application now identified as Case Number PP0032USNA) after the same shall have been made known to him/her by the United States Patent Office.

\_\_\_\_\_(L.S.)  
RICHARD ALLEN HAYES

DATE: \_\_\_\_\_

*Rebecca L. Smith* (L.S.)

REBECCA L. SMITH

DATE: 6/1/09

\_\_\_\_\_(L.S.)  
STEVEN C. PESEK

DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)

CHARLES ANTHONY SMITH

DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
KRISTOF PROOST

DATE: \_\_\_\_\_

\*The application referred to above as Case Number PP0032USNA was filed in the United States Patent Office on June 1, 2009, and was given Application No. 12/475,776. This insertion made by me this 27<sup>th</sup> day of July, 2009.

*Marilyn H. Bromels*

MARILYN H. BROMELS  
ATTORNEY/PATENT AGENT FOR APPLICANTS

Registration No.: 35,080  
Telephone: (302) 992-2041  
Facsimile: (302) 992-3257

**PATENT**

**REEL: 023020 FRAME: 0570**

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\_\_\_\_\_(L.S.)  
RICHARD ALLEN HAYES  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
STEVEN C. PESEK  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
REBECCA L. SMITH  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
CHARLES ANTHONY SMITH  
DATE: \_\_\_\_\_

*K Proost*  
\_\_\_\_\_(L.S.)  
KRISTOF PROOST  
DATE: 27-05-2009

\*The application referred to above as Case Number PP0032USNA was filed in the United States Patent Office

on June 1, 2009, and was given Application No. 12/475,776

This insertion made by me this 27<sup>th</sup> day of July, 2009.

*Marilyn W. Bromels*  
\_\_\_\_\_  
MARILYN W. BROMELS  
ATTORNEY/PATENT AGENT FOR APPLICANT'S  
Registration No.: 35,080  
Telephone: (302) 992-2041  
Facsimile: (302) 992-3257

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\_\_\_\_\_(L.S.)  
RICHARD ALLEN HAYES  
DATE: \_\_\_\_\_

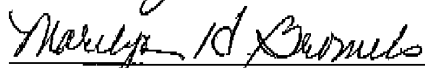
  
\_\_\_\_\_(L.S.)  
STEVEN C. PESEK  
DATE: 5/20/09

\_\_\_\_\_(L.S.)  
REBECCA L. SMITH  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
CHARLES ANTHONY SMITH  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
KRISTOF PROOST  
DATE: \_\_\_\_\_

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This insertion made by me this 27<sup>th</sup> day of July, 2009.

  
MARILYN H. BROMELS  
ATTORNEY/PATENT AGENT FOR APPLICANTS  
Registration No.: 35,080  
Telephone: (302) 992-2041  
Facsimile: (302) 992-3337

**PATENT**

**REEL: 023020 FRAME: 0572**

# ASSIGNMENT

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\_\_\_\_\_  
(L.S.)  
RICHARD ALLEN HAYES  
DATE: \_\_\_\_\_

\_\_\_\_\_  
(L.S.)  
STEVEN C. PESEK  
DATE: \_\_\_\_\_

\_\_\_\_\_  
(L.S.)  
REBECCA L. SMITH  
DATE: \_\_\_\_\_

*Charles Anthony Smith*  
(L.S.)  
CHARLES ANTHONY SMITH  
DATE: May 29, 2009

\_\_\_\_\_  
(L.S.)  
KRISTOF PROOST  
DATE: \_\_\_\_\_

\*The application referred to above as Case Number PP0032USNA was filed in the United States Patent Office

on June 1, 2009, and was given Application No. 12/475,776

This insertion made by me this 27th day of July, 2009.

*Marilyn H. Bromels*  
MARILYN H. BROMELS  
ATTORNEY/PATENT AGENT FOR APPLICANTS  
Registration No.: 35,080  
Telephone: (302) 992-2041  
Facsimile: (302) 992-3111

**PATENT**

RECORDED: 07/29/2009

REEL: 023020 FRAME: 0573