### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
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

#### **RECEIVING PARTY DATA**

Name:	E. I. DU PONT DE NEMOURS AND COMPANY
Street Address:	4417 LANCASTER PIKE
Internal Address:	BARLEY MILL PLAZA 25
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12475776

### **CORRESPONDENCE DATA**

Fax Number: (302)355-3982

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: MARILYN BROMELS Address Line 1: 4417 LANCASTER PIKE Address Line 2: **BARLEY MILL PLAZA 25** 

Address Line 4: WILMINGTON, DELAWARE 19809

ATTORNEY DOCKET NUMBER:	PP0032USNA

REEL: 023020 FRAME: 0567

**PATENT** 

500922541

NAME OF SUBMITTER:	MARY BETH WROTEN
Total Attachments: 5 source=PP0032USNA#page1.tif source=PP0032USNA#page2.tif source=PP0032USNA#page3.tif source=PP0032USNA#page4.tif source=PP0032USNA#page5.tif	

PATENT REEL: 023020 FRAME: 0568

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 MOD	OULE HAVING A	LOW HAZE ENCAPSULANT LAYER	
(which is identified as Case Number PP0032US United States of America., the declaration for w	SNA) and which is hich was executed	disclosed in an application for Letters Pater the 13 day of May,	nt in the 2009.
For valuable consideration, the receipt obligation of assignment, we hereby:	and adequacy of w	hich is hereby acknowledged and in fulfillm	nent of our pre-existing
I. Sell, assign, and transfer unto E. I. under the laws of the State of Delaware in the Delaware, hereinafter referred to as the assigned for Letters Patent, (2) any priority rights der Convention for the Protection of Industrial Promember countries of the aforesaid International joint or sole, disclosed in the aforesaid application inventions in any country whatsoever, (5) any right to (1) file such applications in its name of treaty or understanding, (3) have said patents profits and damages for any and all infringements	United States of c. (A) the sole and ived from the afor operty and any oth Convention or of ation for Letters Frand all patents for ours, (2) file suggranted in its name.	entire right, title, and interest in and to: (1) resaid application for Letters Patent by viner treaty or understanding for intellectual ther treaty or understanding, (3) any and all atent, (4) any and all applications for Letter any such inventions in any country what the applications under the aforesaid Internation or ours, and (4) enforce said patents and	business at Wilmington, the aforesaid application rtue of the International property for any and all lour inventions, whether tters Patent for any such soever; and (B) the sole onal Convention or other
known to us respecting said rights, to testify instruments necessary or required by said assign provisions of this instrument, and generally representatives to obtain and enforce proper pat	in any legal proce gnee, its successor to do everything cent protection for a cut agent to insert b	rs, assigns and legal representatives, to car possible to aid said assignee, its successaid inventions in any and all countries. pelow*the application number and filing dates.	I applications, papers or ry into effect any of the sors, assigns, and legal te of the aforesaid United
United States Patent Office.	11001 1100000000	LEVEL VALUE DUGLIEF DEARWAR AVE	
	(L.S.)		(L.S.)
RICHARD ALLEN HAYES DATE: 5/13/2009		STEVEN C. PESEK DATE:	
	(L.S.)		(L.S.)
REBECCA L. SMITH DATE:		CHARLES ANTHONY SMITH DATE:	
<del></del>	(L.S.)		
KRISTOF PROOST DATE:			
*The application referred to above	as Case Number l	PP0032USNA was filed in the United States	Patent Office
on June 1, 2009	, and was given A	Application No. <u>12/475_776</u>	.,
This insertion made by me this	12/4h	day of July , 2009	- €.
	-	Marely 1 Bronels	_

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

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 F	AH WOJ A DNIVAI	ZE ENCAPS	ULANT LAYER	
(which is identified as Case Number PP0032USNA) at United States of America., the declaration for which was	nd which is disclosed as executed the1	in an applicati day ofJ	ion for Letters Pate June	nt in the , 2009.
For valuable consideration, the receipt and adoublingation of assignment, we hereby:	equacy of which is her	eby acknowle	edged and in fulfill	ment of our pre-existing
I. Sell, assign, and transfer unto E. I. DU PC under the laws of the State of Delaware in the United Delaware, hereinafter referred to as the assignee, (A) t for Lettors Patent, (2) any priority rights derived from Convention for the Protection of Industrial Property a member countries of the aforesaid International Convergion or sole, disclosed in the aforesaid application for inventions in any country whatsoever, (5) any and all right to (1) file such applications in its name or ours, treaty or understanding, (3) have said patents granted profits and damages for any and all infringements there	I States of America a he sole and entire right om the aforesaid app and any other treaty of ention or other treaty of T Letters Patent, (4) I patents for any such (2) file such applicate I in its name or ours,	and having its of, title, and in dication for L or understanding any and all and inventions in the and (4) enformed and (4) enformed.	principal place of terest in and to: (1) Letters Patent by valing for intellectual ing, (3) any and a applications for Lonary what a aforesaid Internat	f business at Wilmington, ) the aforesaid application virtue of the International I property for any and all Il our inventions, whether etters Patent for any such tsoever; and (B) the sole ional Convention or other
II. Agree, whenever requested, to communic known to us respecting said rights, to testify in any instruments necessary or required by said assignee, it provisions of this instrument, and generally to do representatives to obtain and enforce proper patent pro-	legal proceeding responses successors, assigns everything possible	pecting said r and legal rep to aid said s	rights, to execute a presentatives, to ca assignee, its succe	all applications, papers or arry into effect any of the
We further authorize our attorney/patent agen States application now identified as Case Number PI United States Patent Office.	t to insert below*the 20032USNA) after t	application m he same shall	umber and filing da I have been made	ate of the aforesaid United known to him/her by the
RICHARD ALLEN HAYES DATE:	L.S.) STE DAT	VEN C. PES	EK	(L.S.)
$\mathcal{O}_{\mathcal{O}}}}}}}}}}$	L.S.)	ARLES ANT	HONY SMITH	(L.S.)
KRISTOF PROOST DATE:	L.S.)			
*The application referred to above as Cas				s Patent Office
·	was given Application	<i>(</i> )		_m •
This insertion made by me this	7 4/1 day (	of Yaly	, 200	19.
	March	/2 / X	Tronels	_
,	MARILYN A TTYYDND	H, BROMÉL Veatent a	.S AGENT FOR APPI	ICANTS

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

**PATENT** 

Facsimile: (302) 992-3257 REEL: 023020 FRAME: 0570

# 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 United States of America., the declaration for which was exceeded.	hich is disclosed ecuted the	lin an appl 7 day of	ication for Letters _ May	Patent in the , 2009.
For valuable consideration, the receipt and adequac obligation of assignment, we hereby:	by of which is he	reby ackno	wledged and in fo	ulfillment of our pre-existing
I. Sell, assign, and transfer unto E. I. DU PONT I under the laws of the State of Delaware in the United Stat Delaware, hereinafter referred to as the assignce. (A) the so for Letters Patent, (2) any priority rights derived from the Convention for the Protection of Industrial Property and a member countries of the aforesaid International Convention joint or sole, disclosed in the aforesaid application for Let inventions in any country whatsoever, (5) any and all pateright to (1) file such applications in its name or ours, (2) fit treaty or understanding, (3) have said patents granted in it profits and damages for any and all infringements thereof where the same of the s	tes of America able and entire righte aforesaid applying other treaty or other treaty enters Patent, (4) ents for any sucille such applicates name or ours thether past or fu	and having ht, title, an plication fo or underst or underst any and h invention ions under , and (4) ture; and	tis principal placed interest in and to be Letters Patent anding for intellectanding, (3) any and all applications for in any country the aforesaid Interested patents.	ce of business at Wilmington, o: (1) the aforesaid application by virtue of the International ctual property for any and all nd all our inventions, whether or Letters Patent for any such whatsoever; and (B) the sole emational Convention or other its and to sue for and recover
II. Agree, whenever requested, to communicate to known to us respecting said rights, to testify in any legal instruments necessary or required by said assignee, its successions of this instrument, and generally to do every representatives to obtain and enforce proper patent protection	proceeding residencessors, assigns	pecting sai and legal to aid sai	d rights, to execu representatives, to diassionee its su	nte all applications, papers or o carry into effect any of the
We further authorize our attorney/patent agent to in States application now identified as Case Number PP0032 United States Patent Office	sert below* the	application	number and filin	a data of the ofeneral different
(L.S.)				(T. (1))
RICHARD ALLEN HAYES DATE:	STE DAT	VEN C. P	ESEK	(L,S.)
REBECCA L. SMITH DATE:	<u></u> СНА ДАТ		THONY SMITE	(L.S.)
KRISTOF PROOST / (L.S.) DATE: 97-05-2009				
*The application referred to above as Case Num  onJune 1, 2009 , and was give  This insertion made by me this J7 the	ven Application	No. 12	/475 <b>,</b> 776	
STATE OF THE WILLS	day o Marilyn i ATTORNEY	BROME /PATENT	Bromel  IS  AGENT FOR AP	2009. 2 PLICANTS
,	Registration i	No.: 35,08	0	

Telephone: (302) 992-2041 Facsimile: (302) 992-3257

**PATENT** 

REEL: 023020 FRAME: 0571

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

		Eo. Il Mee Mi offi bollitti littilli	``
(which is identified as Case Number PP00 United States of America., the declaration	32USNA) and which is for which was executed	disclosed in an application for Letters P the 29 day of May	atent in the , 2009.
For valuable consideration, the re obligation of assignment, we hereby:	ceipt and adequacy of w	hich is hereby acknowledged and in fulf	illment of our pre-existing
I. Sell, assign, and transfer unto under the laws of the State of Delaware in Delaware, hereinafter referred to as the ass for Letters Patent, (2) any priority right Convention for the Protection of Industria member countries of the aforesaid International joint or sole, disclosed in the aforesaid and inventions in any country whatsoever, (5) right to (1) file such applications in its nattreaty or understanding, (3) have said pay profits and damages for any and all infring	in the United States of tignee, (A) the sole and is derived from the aforal Property and any oth tional Convention or other pplication for Letters P any and all patents forme or ours, (2) file suctents granted in its name	entire right, title, and interest in and to: resaid application for Letters Patent by er treaty or understanding for intellect her treaty or understanding, (3) any and atent, (4) any and all applications for r any such inventions in any country who applications under the aforesaid Internet or ours, and (4) enforce said patents	of business at Wilmington, (1) the aforesaid application (virtue of the International hal property for any and all all our inventions, whether Letters Patent for any such hatsoever; and (B) the sole hational Convention or other
II. Agree, whenever requested, to known to us respecting said rights, to test instruments necessary or required by said provisions of this instrument, and gener representatives to obtain and enforce proper	stify in any legal proce lassignee, its successor ally to do everything	s, assigns and legal representatives, to possible to aid said assignee, its suc	all applications, papers or carry into effect any of the
	/patent agent to insert b	elow*the application number and filing	date of the aforesaid United e known to him/her by the
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:	(L.S.)		
*The application referred to along June 1, 2009		P0032USNA was filed in the United State	tes Patent Office
This insertion made by me th	is <u>1744</u>	day of July 20	009.
	$\frac{\nu}{M_{\ell}}$	ARILVY H. BROMELS	<del></del>

ATTORNEY/PATENT AGENT FOR APPLICANTS

Registration No.: 35,080

Telephone: (302) 992-2041 PATENT
Facsimile: (302) 992-32 FEL: 023020 FRAME: 0572

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 assisted

we are me one and must inventors of \$	n mvention entitle	ea.		
SOLAR CELL MOI	DULE HAVING A	A LOW HAZE EN	CAPSULANT LAY	ER
(which is identified as Case Number PP0032U; United States of America,, the declaration for w	SNA) and which i hich was executed	s disclosed in an ap I the 29 day o	plication for Letters	Patent in the, 2009.
For valuable consideration, the receipt obligation of assignment, we hereby:	and adequacy of	which is hereby ack	mowledged and in fi	ulfillment of our pre-existing
I. Sell, assign, and transfer unto E. I. under the laws of the State of Delaware in the Delaware, hereinafter referred to as the assigned for Letters Patent, (2) any priority rights der Convention for the Protection of Industrial Promember countries of the aforesaid International joint or sole, disclosed in the aforesaid application in any country whatsoever, (5) any right to (1) file such applications in its name of treaty or understanding, (3) have said patents profits and damages for any and all infringements.	e United States of e, (A) the sole and ived from the af- operty and any of I Convention or or ation for Letters I and all patents for rours, (2) file sur- granted in its nan	America and havid entire right, title, oresaid application ther treaty or under ther treaty or under any such invention applications undue or ours, and (4)	ng its principal place and interest in and to for Letters Patent standing for intelle standing, (3) any a diall applications from in any country er the aforce said pater	ce of business at Wilmington, o: (1) the aforesaid application by virtue of the International ctual property for any and all all our inventions, whether or Letters Patent for any such whatsoever, and (B) the sole
II. Agree, whenever requested, to come known to us respecting said rights, to testify instruments necessary or required by said assign provisions of this instrument, and generally representatives to obtain and enforce proper pater.  We further authorize our attorney/pater States application now identified as Case Number 1.	in any legal processor to do everything ent protection for a	edding respecting s rs, assigns and leg possible to aid s said inventions in a selow <sup>*</sup> the applicati	aid rights, to exect al representatives, to aid assignee, its so my and all countries. on number and filin	ate all applications, papers or courty into effect any of the necessors, assigns, and legal .
United States Patent Office.		ny aite into same	shan have been mi	ade known to him/her by the
	(L.S.)			(L.S.)
RICHARD ALLEN HAYES DATE:		STEVEN C.	PESEK	· · · · · · · · · · · · · · · · · · ·
REBECCA L. SMITH DATE:	(L.S.)	DATE: Nales CHARLES & DATE:	Chorago Santhonyasuti	1 (L.S.)
	(L.S.)			
KRISTOF PROOST DATE:				
DAXE.	<del></del>			
*The application referred to above a	es Case Number P	P0032USNA was f	iled in the United St	tares Parent Office
onJune 1, 2009	, and was given A	pplication No 🔒 1	.2/475.776	
This insertion made by me this	2744	day of Ju	ly ,	2009,
•	M	Mercelys /	ly	<u>                                     </u>

ATTORNEY/PATENT AGENT FOR APPLICANTS

Registration No.: 35,080

Telephone: (302) 992-2041 PATENT

Facsimile: (302) 992-3 REEL: 023020 FRAME: 0573