

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Stephane Costeux	05/18/2006
<b>RECEIVING PARTY DATA</b>	
Name:	Dow Global Technologies LLC
Street Address:	2040 Dow Center
City:	Midland
State/Country:	MICHIGAN
Postal Code:	48674
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12162913
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(979)238-0878
Phone:	979-238-7259
Email:	alpaul@dow.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Angela Paul
Address Line 1:	2301 North Brazosport Blvd.
Address Line 4:	Freeport, TEXAS 77541
ATTORNEY DOCKET NUMBER:	64625A
NAME OF SUBMITTER:	Angela Paul
Total Attachments: 8 source=64625A-US-20111111-Adding-Stephane-Assignment#page1.tif source=64625A-US-20111111-Adding-Stephane-Assignment#page2.tif source=64625A-US-20111111-Adding-Stephane-Assignment#page3.tif source=64625A-US-20111111-Adding-Stephane-Assignment#page4.tif source=64625A-US-20111111-Adding-Stephane-Assignment#page5.tif source=64625A-US-20111111-Adding-Stephane-Assignment#page6.tif source=64625A-US-20111111-Adding-Stephane-Assignment#page7.tif source=64625A-US-20111111-Adding-Stephane-Assignment#page8.tif	

**CH \$40.00 12162913**

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.

FORM 110 (R 5/97)

## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: **CROSSLINKED POLYETHYLENE ELASTIC FIBERS**

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

**Dow Global Technologies Inc.**  
Washington Street, 1790 Building  
Midland, Michigan 48674

a corporation organized and existing under the laws of **Delaware** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
60/773,494	February 15, 2006	United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent Application Number, Filing Date, and Filing Country

Application Number	Filing Date	Filing Country
12/162, 913	February 7, 2007	United States of America

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: <u>Freeport, Texas 77541, USA</u> this <u>8th</u> day of <u>May</u> , 20 <u>06</u> Effective as of February 15, 2006  Signature: <u>[Signature]</u> Full Name: <u>Shih-Yaw Lai</u> Residence: <u>3602 Abbeywood Drive</u> <u>Pearland, Texas 77584</u> Country: <u>United States of America</u> Citizenship: <u>United States of America</u> P.O. Address: <u>Same as residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>
--

At: <u>Freeport, Texas 77541, USA</u> this <u>17th</u> day of <u>May</u> , 20 <u>06</u> Effective as of February 15, 2006  Signature: <u>[Signature]</u> Full Name: <u>Yuen-Yuen D. Chiu</u> Residence: <u>2422 Devonshire Drive</u> <u>Pearland, Texas 77584</u> Country: <u>United States of America</u> Citizenship: <u>United States of America</u> P.O. Address: <u>Same as residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>
---

At: <u>Freeport, Texas 77541, USA</u> this <u>9</u> day of <u>MAY</u> , 20 <u>06</u> Effective as of February 15, 2006  Signature: <u>[Signature]</u> Full Name: <u>Ashish Sen</u> Residence: <u>215 Canyon Oak Drive</u> <u>Lake Jackson, Texas 77566</u>  Country: <u>United States of America</u> Citizenship: <u>United States of America</u> P.O. Address: <u>Same as residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>
--

At: <u>Freeport, Texas 77541, USA</u> this <u>18th</u> day of <u>May</u> , 20 <u>06</u> Effective as of February 15, 2006  Signature: <u>[Signature]</u> Full Name: <u>Stéphane Costeux</u> Residence: <u>400 Timbercreek Drive</u> <u>Apartment 916</u> <u>Richwood, Texas 77531</u>  Country: <u>United States of America</u> Citizenship: <u>France</u> P.O. Address: <u>Same as residence</u> Employed By: <u>The Dow Chemical Company</u> Of Country: <u>United States of America</u>
--

( ) Additional names and signatures are attached.

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Date.

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Date.

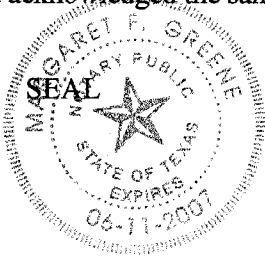
FORM 220

### NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA )  
STATE OF ) SS  
County/Parish of Brazoria )

On this 24<sup>th</sup> day of May, 2006, personally appeared before me,  
**Shih-Yaw Lai**

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



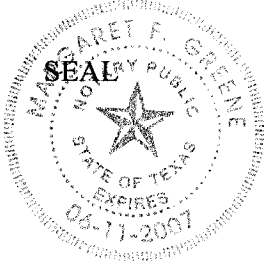
Margaret F. Greene  
NOTARY PUBLIC, BRAZORIA COUNTY, TEXAS  
MY COMMISSION EXPIRES:

### NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA )  
STATE OF ) SS  
County/Parish of Brazoria )

On this 17<sup>th</sup> day of May, 2006, personally appeared before me,  
**Yuen-Yuen D. Chiu**

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



Margaret F. Greene  
NOTARY PUBLIC, BRAZORIA COUNTY, TEXAS  
MY COMMISSION EXPIRES:

### NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA )  
STATE OF ) SS  
County/Parish of Brazoria )

On this 9<sup>th</sup> day of May, 2006, personally appeared before me,  
**Ashish Sen**

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



Margaret F. Greene  
NOTARY PUBLIC, BRAZORIA COUNTY, TEXAS  
MY COMMISSION EXPIRES:

NOTARIAL CERTIFICATE (Individual)

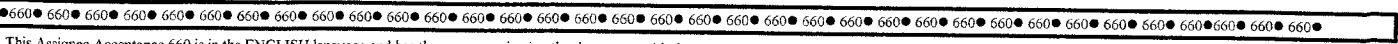
UNITED STATES OF AMERICA )  
STATE OF ) SS  
County/Parish of Brazoria )

On this 1<sup>st</sup> day of May, 2006, personally appeared before me,  
Stéphane Costeux

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



Margaret F. Greene  
NOTARY PUBLIC, BRAZORIA COUNTY, TEXAS  
MY COMMISSION EXPIRES:



# ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES INC.**  
**2040 Dow Center**  
**Midland, Michigan 48674**  
**UNITED STATES OF AMERICA**

hereby accept the ASSIGNMENT attached hereto which is dated: **May 8, 2006; May 9, 2006; May 17, 2006; May 18, 2006**

From, the ASSIGNOR: Shih-Yaw Lai, 47A, 1 Long, no. 8, Weifong W. Road (Shimao Riviera Garden no. 1 Bldg), Pudong, Shanghai 200120, PEOPLE'S REPUBLIC OF CHINA, Citizen of United States of America; Yuen-Yuen D. Chiu, 2422 Devonshire Drive, Pearland, Texas 77584, UNITED STATES OF AMERICA, Citizen of United States of America; Ashish Sen, 215 Canyon Oak Drive, Lake Jackson, Texas 77566, UNITED STATES OF AMERICA, Citizen of United States of America; and Stephane Costeux, 5011 Amberwood Court, Midland, Michigan 48640, UNITED STATES OF AMERICA, Citizen of France

of the invention entitled:


## CROSSLINKED POLYETHYLENE ELASTIC FIBERS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA  
this 3 day of October, 2008

CORP.  
SEAL

**DOW GLOBAL TECHNOLOGIES INC.**

By:   
**JOHN B. TREANGEN**  
Authorized Representative

## NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 3 day of October, 2008, personally appeared before me, **JOHN B. TREANGEN, Authorized Representative**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of the **State of Delaware, United States of America**.

I further certify that said authority, dated **August 30, 2007**, is based on

### A delegation of signature authority of said Corporation

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

  
SEAL

**Kathy Sue Wertz**  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES APRIL 07, 2012

**PATENT**

# Delaware

PAGE 2

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "DOW GLOBAL TECHNOLOGIES LLC" FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A.D. 2010, AT 10:40 O'CLOCK A.M.

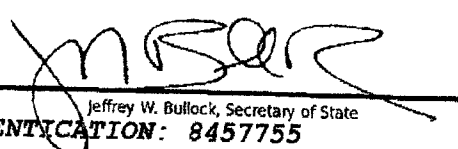
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

2332072 8100V

101227862

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8457755

DATE: 12-29-10

PATENT  
REEL: 027221 FRAME: 0357

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 10:40 AM 12/23/2010  
FILED 10:40 AM 12/23/2010  
SRV 101227862 - 2332072 FILE

**Certificate of Formation**  
of  
**Dow Global Technologies LLC**

This Certificate of Formation of Dow Global Technologies LLC has been duly executed and is being filed by Noreen D. Warrick, as an authorized representative, to form a limited liability company under the Delaware Limited Liability Company Act (6 Del.C. §18-101, *et seq.*).

1. The name of the limited liability company is:

Dow Global Technologies LLC

2. The address of the limited liability company's registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of the limited liability company's registered agent for service of process in the State of Delaware at such address is the Corporation Trust Company.
3. The effective date for the formation of this limited liability company is December 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of Dow Global Technologies LLC this 23<sup>rd</sup> day of December, 2010.

Noreen D. Warrick  
Noreen D. Warrick  
Authorized Representative

# Delaware

PAGE 1

*The First State*

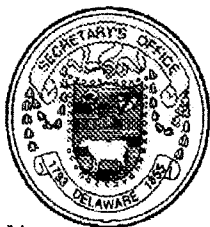
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "DOW GLOBAL TECHNOLOGIES INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "DOW GLOBAL TECHNOLOGIES INC." TO "DOW GLOBAL TECHNOLOGIES LLC", FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF DECEMBER, A.D. 2010, AT 10:40 O'CLOCK A.M.

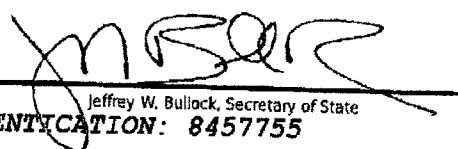
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2010.

2332072 8100V

101227862

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8457755

DATE: 12-29-10

PATENT  
REEL: 027221 FRAME: 0359



State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 10:40 AM 12/23/2010  
FILED 10:40 AM 12/23/2010  
SRV 101227862 - 2332072 FILE

**Certificate of Conversion  
of  
Dow Global Technologies Inc.  
(a Delaware corporation)  
to  
Dow Global Technologies LLC  
(a Delaware limited liability company)**

**Pursuant to Section 18-214 of the Limited Liability Company Act**

Dow Global Technologies Inc., a Delaware corporation (the "Corporation"), files this Certificate of Conversion (the "Certificate") and hereby certifies the following:

1. The jurisdiction where the Corporation was first formed is Delaware.
2. The jurisdiction immediately prior to filing this Certificate is Delaware.
3. The date the Corporation was first formed is April 6, 1993.
4. The name of the Corporation immediately prior to filing this Certificate is Dow Global Technologies Inc.
5. The name of the limited liability company as set forth in the Certificate of Formation is Dow Global Technologies LLC.
6. The future effective date of the conversion to a limited liability company is December 31, 2010.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 23<sup>rd</sup> day of December, 2010.

Dow Global Technologies Inc.

By: Noreen D. Warrick  
Name: Noreen D. Warrick  
Title: Secretary