

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2905491

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARC DOYLE	04/11/2014
CARMELO LUCA RESTUCCIA	04/11/2014
ROBERT BLACKBURN	04/11/2014
WILLIAM JACOBS	04/11/2014
CARMELO LOFARO	04/30/2014
DOMINIQUE PONSOLLE	04/10/2014
MARK ROMAN	04/15/2014
RICHARD PRICE	05/08/2014
MITCHELL SMITH	05/12/2014
CYTEC ENGINEERED MATERIALS INC.	06/18/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CYTEC INDUSTRIES INC.
<b>Street Address:</b>	5 GARRET MOUNTAIN PLAZA
<b>Internal Address:</b>	LEGAL/PATENT DEPT
<b>City:</b>	WOODLAND PARK
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07424
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14366711
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	stamfordpatent@cytec.com
<b>Correspondent Name:</b>	CYTEC INDUSTRIES INC.
<b>Address Line 1:</b>	1937 WEST MAIN STREET
<b>Address Line 2:</b>	LEGAL/PATENT DEPT
<b>Address Line 4:</b>	STAMFORD, CONNECTICUT 06902
<b>ATTORNEY DOCKET NUMBER:</b>	11011S-US-PCT

PATENT

<b>NAME OF SUBMITTER:</b>	THI D. DANG
<b>SIGNATURE:</b>	/Thi D. Dang/
<b>DATE SIGNED:</b>	06/19/2014

**Total Attachments: 30**

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## ASSIGNMENT AGREEMENT

### PARTIES:

- (1) **Marc Doyle**  
of 1a Selkirk Drive, Chester, CH4 8AQ, United Kingdom  
("INVENTOR")
- (2) **Cytec Engineered Materials Limited** (incorporated in the United Kingdom, company no. 2851421)  
of Abenbury Way, Wrexham Industrial Estate, Wrexham, LL13 9UZ, United Kingdom  
("EMPLOYER")
- (3) **Cytec Industries Inc.** (incorporated in the US)  
of 5 Garret Mountain Plaza, Woodland Park, New Jersey 07424 USA  
("ASSIGNEE")

### RECITALS:

- A. The INVENTOR is the inventor or one of the inventors in respect of the invention (the "INVENTION") which is briefly summarised in Part A of the Schedule and/or which is the subject of the patent application identified in Part B of the Schedule (the "APPLICATION").
- B. The INVENTOR made his/her contribution to the INVENTION during the course of his/her normal duties as an employee of the EMPLOYER and in circumstances such that the EMPLOYER has at all relevant times been the legal and beneficial owner of all the INVENTOR's rights in the INVENTION.
- C. The INVENTION was made for the benefit of the ASSIGNEE and accordingly the EMPLOYER and the ASSIGNEE accept that the ASSIGNEE is entitled to and the beneficial owner of all rights in the INVENTION.
- D. The parties have agreed to execute this Agreement for the purpose of ensuring that all the INVENTOR's and EMPLOYER's rights in the INVENTION are vested in the ASSIGNEE.

### OPERATIVE TERMS:

In consideration of the sum of \$1 (one US dollar) paid by the ASSIGNEE to each of the INVENTOR and the EMPLOYER (the receipt and sufficiency of which are hereby acknowledged) IT IS AGREED as follows:-

#### 1. Acknowledgment and Assignment

- 1.1 The INVENTOR and the EMPLOYER hereby acknowledge and confirm that the ASSIGNEE is and has at all times been entitled to and the beneficial owner of all rights in the INVENTION including without limitation the right to apply for and be granted for its own benefit any patents in relation to the INVENTION and to claim priority from any patent applications relating to the INVENTION including from patent applications that may have been filed in the name of the INVENTOR or the EMPLOYER (whether alone or jointly with others).
- 1.2 In order to ensure the vesting of any residual rights in the ASSIGNEE including full legal title the INVENTOR and the EMPLOYER hereby assign with full title guarantee to the ASSIGNEE absolutely and free from all liens charges licences and encumbrances and the ASSIGNEE hereby accepts from the INVENTOR and the EMPLOYER all property right title and interest anywhere in the world in and to the INVENTION including without limitation:
  - (a) the APPLICATION and all patent applications and patents at any time deriving or claiming priority from the same or otherwise relating to the INVENTION including all divisionals, extensions, continuations, continuations in part, reissues, registrations and supplementary protection certificates in relation to any thereof and including the right to apply for and obtain all patents relating to the INVENTION and to claim priority from the APPLICATION (together referred to as the "PATENT RIGHTS"),
  - (b) the benefit of all priority rights,
  - (c) the right to seek and obtain registrations in other countries,
  - (d) all other intellectual property rights and knowhow including without limitation any copyrights and design rights (whether or not registrable),

- (e) the right to sue for and obtain injunctive relief damages and all other relief in respect of any infringement or misuse (whether past present or future) of any of the above-mentioned rights hereby transferred including the rights conferred by publication of any patent application or design application.

1.3 The parties acknowledge and confirm that nothing in this Agreement shall be construed as restricting the rights of the INVENTOR under sections 39 to 43 of the UK Patents Act 1977 or under any equivalent or corresponding provisions in force from time to time relating to inventions made by employees.

## 2. Covenants

The INVENTOR and the EMPLOYER covenant with the ASSIGNEE as follows:

- (a) that neither the INVENTOR nor the EMPLOYER has done or omitted to do any act or thing whatsoever whereby any patents or other intellectual property rights relating to the INVENTION might be invalidated or otherwise prejudicially affected or the due performance of this Agreement hindered or prevented,
- (b) to keep the INVENTION confidential and not to disclose it to any person without the prior written consent of the ASSIGNEE,
- (c) that no permission has been given to any third party to use the INVENTION and that there has otherwise been no assignment or grant to any third party of any rights in or under the INVENTION (including the PATENT RIGHTS).

## 3. Further Assurance

3.1 The INVENTOR and the EMPLOYER undertake to do all further acts and execute all further documents at the ASSIGNEE's expense as the ASSIGNEE may reasonably require to secure the vesting in the ASSIGNEE or the ASSIGNEE's successors in title or nominees of all property right title and interest intended to be assigned transferred or granted to or confirmed in the ASSIGNEE hereunder and to give the ASSIGNEE the full benefit of this Agreement including doing all acts which may be necessary or desirable in connection with:

- (a) the filing and prosecution of any patent application included in the PATENT RIGHTS anywhere in the world and obtaining grant in relation thereto,
- (b) protecting and enforcing any of the PATENT RIGHTS and other intellectual property rights relating to the INVENTION,
- (c) recording any of the PATENT RIGHTS and other rights in the name of the ASSIGNEE or the ASSIGNEE's successors in title or nominees as sole applicant or registered proprietor as the case may be,
- (d) assisting in the resolution of any question concerning the INVENTION or the PATENT RIGHTS or other intellectual property rights.

3.2 The INVENTOR and the EMPLOYER hereby authorise the officers from time to time of the ASSIGNEE to do or authorise the doing of all such acts (including the signing of all such documents) on behalf of the INVENTOR and/or the EMPLOYER as the ASSIGNEE may consider appropriate for the purpose of giving effect to the provisions of clause 3.1.

## 4. Law

This Agreement shall be governed by and construed and take effect in accordance with the laws of England.


IN WITNESS of which the parties have executed this Agreement in accordance with their statutes by duly authorised officers effective on the date of the last of the parties' signatures.

EXECUTED by the INVENTOR:

Name: Marc Doyle

Signature:


Date:

  
11 APRIL 2014

In the presence of a Witness:


Witness signature:

Witness name:

  
ROBERT BLACKBURN

EXECUTED by the EMPLOYER: Cytec Engineered Materials Limited

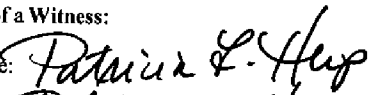
Name: Roy Smith

Signature: 

Title: Director

Date: MAY 12, 2014


In the presence of a Witness:

Witness signature: 

Witness name: Patricia L. Hug

EXECUTED by the ASSIGNEE: Cytec Industries Inc.

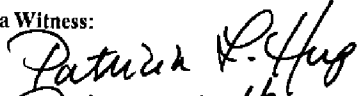
Name: Roy Smith

Signature: 

Title: Vice President

Date: MAY 12, 2014

In the presence of a Witness:

Witness signature: 

Witness name: Patricia L. Hug

**SCHEDULE - THE INVENTION/APPLICATION****Part A – Description of the INVENTION****Part B – The APPLICATION**

<u>Country/ Convention</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>	<u>References</u>
PCT	PCT/US2012/070480	19 December 2012	DRY FIBROUS MATERIAL FOR SUBSEQUENT RESIN INFUSION	11011S-WO- PCT

## ASSIGNMENT AGREEMENT

### PARTIES:

- (1) **Carmelo Luca Restuccia**  
of 35, The Wharf, New Crane Street, Chester, CH14HZ, United Kingdom  
("INVENTOR")
- (2) **Cytec Engineered Materials Limited** (incorporated in the United Kingdom, company no. 2851421)  
of Abenbury Way, Wrexham Industrial Estate, Wrexham, LL13 9UZ, United Kingdom  
("EMPLOYER")
- (3) **Cytec Industries Inc.** (incorporated in the US)  
of 5 Garret Mountain Plaza, Woodland Park, New Jersey 07424 USA  
("ASSIGNEE")

### RECITALS:

- A. The INVENTOR is the inventor or one of the inventors in respect of the invention (the "INVENTION") which is briefly summarised in Part A of the Schedule and/or which is the subject of the patent application identified in Part B of the Schedule (the "APPLICATION").
- B. The INVENTOR made his/her contribution to the INVENTION during the course of his/her normal duties as an employee of the EMPLOYER and in circumstances such that the EMPLOYER has at all relevant times been the legal and beneficial owner of all the INVENTOR's rights in the INVENTION.
- C. The INVENTION was made for the benefit of the ASSIGNEE and accordingly the EMPLOYER and the ASSIGNEE accept that the ASSIGNEE is entitled to and the beneficial owner of all rights in the INVENTION.
- D. The parties have agreed to execute this Agreement for the purpose of ensuring that all the INVENTOR's and EMPLOYER's rights in the INVENTION are vested in the ASSIGNEE.

### OPERATIVE TERMS:

In consideration of the sum of \$1 (one US dollar) paid by the ASSIGNEE to each of the INVENTOR and the EMPLOYER (the receipt and sufficiency of which are hereby acknowledged) IT IS AGREED as follows:-

#### 1. Acknowledgment and Assignment

- 1.1 The INVENTOR and the EMPLOYER hereby acknowledge and confirm that the ASSIGNEE is and has at all times been entitled to and the beneficial owner of all rights in the INVENTION including without limitation the right to apply for and be granted for its own benefit any patents in relation to the INVENTION and to claim priority from any patent applications relating to the INVENTION including from patent applications that may have been filed in the name of the INVENTOR or the EMPLOYER (whether alone or jointly with others).
- 1.2 In order to ensure the vesting of any residual rights in the ASSIGNEE including full legal title the INVENTOR and the EMPLOYER hereby assign with full title guarantee to the ASSIGNEE absolutely and free from all liens charges licences and encumbrances and the ASSIGNEE hereby accepts from the INVENTOR and the EMPLOYER all property right title and interest anywhere in the world in and to the INVENTION including without limitation:
  - (a) the APPLICATION and all patent applications and patents at any time deriving or claiming priority from the same or otherwise relating to the INVENTION including all divisionals, extensions, continuations, continuations in part, reissues, registrations and supplementary protection certificates in relation to any thereof and including the right to apply for and obtain all patents relating to the INVENTION and to claim priority from the APPLICATION (together referred to as the "PATENT RIGHTS"),
  - (b) the benefit of all priority rights,
  - (c) the right to seek and obtain registrations in other countries,
  - (d) all other intellectual property rights and knowhow including without limitation any copyrights and design rights (whether or not registrable),

- (c) the right to sue for and obtain injunctive relief damages and all other relief in respect of any infringement or misuse (whether past present or future) of any of the above-mentioned rights hereby transferred including the rights conferred by publication of any patent application or design application.

- 1.3 The parties acknowledge and confirm that nothing in this Agreement shall be construed as restricting the rights of the INVENTOR under sections 39 to 43 of the UK Patents Act 1977 or under any equivalent or corresponding provisions in force from time to time relating to inventions made by employees.

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- (b) to keep the INVENTION confidential and not to disclose it to any person without the prior written consent of the ASSIGNEE,
- (c) that no permission has been given to any third party to use the INVENTION and that there has otherwise been no assignment or grant to any third party of any rights in or under the INVENTION (including the PATENT RIGHTS).

3. Further Assurance

- 3.1 The INVENTOR and the EMPLOYER undertake to do all further acts and execute all further documents at the ASSIGNEE's expense as the ASSIGNEE may reasonably require to secure the vesting in the ASSIGNEE or the ASSIGNEE's successors in title or nominees of all property right title and interest intended to be assigned transferred or granted to or confirmed in the ASSIGNEE hereunder and to give the ASSIGNEE the full benefit of this Agreement including doing all acts which may be necessary or desirable in connection with:

- (a) the filing and prosecution of any patent application included in the PATENT RIGHTS anywhere in the world and obtaining grant in relation thereto,
- (b) protecting and enforcing any of the PATENT RIGHTS and other intellectual property rights relating to the INVENTION,
- (c) recording any of the PATENT RIGHTS and other rights in the name of the ASSIGNEE or the ASSIGNEE's successors in title or nominees as sole applicant or registered proprietor as the case may be,
- (d) assisting in the resolution of any question concerning the INVENTION or the PATENT RIGHTS or other intellectual property rights.

- 3.2 The INVENTOR and the EMPLOYER hereby authorise the officers from time to time of the ASSIGNEE to do or authorise the doing of all such acts (including the signing of all such documents) on behalf of the INVENTOR and/or the EMPLOYER as the ASSIGNEE may consider appropriate for the purpose of giving effect to the provisions of clause 3.1.

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IN WITNESS of which the parties have executed this Agreement in accordance with their statutes by duly authorised officers effective on the date of the last of the parties' signatures.

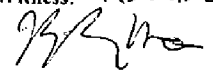
EXECUTED by the INVENTOR:

Name: Carmelo Luca Restuccia

Signature: 

Date: 11/04/2014

In the presence of a Witness: KINGSLEY H O

Witness signature: 

Witness name:

KINGSLEY H O



**EXECUTED** by the **EMPLOYER**: Cytex Engineered Materials Limited

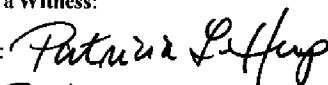
Name: Roy Smith

Signature: 

Title: Director

Date: MAY 12, 2014

In the presence of a **Witness**:

Witness signature: 

Witness name: Patricia L. Hup

**EXECUTED** by the **ASSIGNEE**: Cytex Industries Inc.

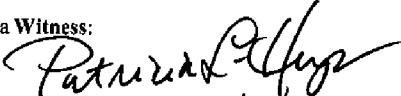
Name: Roy Smith

Signature: 

Title: Vice President

Date: MAY 12, 2014

In the presence of a **Witness**:

Witness signature: 

Witness name: Patricia L. Hup

**SCHEDULE - THE INVENTION/APPLICATION**Part A - Description of the INVENTIONPart B - The APPLICATION

<u>Country/ Convention</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>	<u>References</u>
PCT	PCT/US2012/070480	19 December 2012	DRY FIBROUS MATERIAL FOR SUBSEQUENT RESIN INFUSION	11011S-WO- PCT

## ASSIGNMENT AGREEMENT

### PARTIES:

- (1) **Robert Blackburn**  
of 3 Philip Larkin Close, Hull, HU6 7FB, United Kingdom  
("INVENTOR")
- (2) **Cytec Engineered Materials Limited** (incorporated in the United Kingdom, company no. 2851421)  
of Abenbury Way, Wrexham Industrial Estate, Wrexham, LL13 9UZ, United Kingdom  
("EMPLOYER")
- (3) **Cytec Industries Inc.** (incorporated in the US)  
of 5 Garret Mountain Plaza, Woodland Park, New Jersey 07424 USA  
("ASSIGNEE")

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  - 1.2 In order to ensure the vesting of any residual rights in the ASSIGNEE including full legal title the INVENTOR and the EMPLOYER hereby assign with full title guarantee to the ASSIGNEE absolutely and free from all liens charges licences and encumbrances and the ASSIGNEE hereby accepts from the INVENTOR and the EMPLOYER all property right title and interest anywhere in the world in and to the INVENTION including without limitation:
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    - (b) the benefit of all priority rights,
    - (c) the right to seek and obtain registrations in other countries,
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- (c) the right to sue for and obtain injunctive relief damages and all other relief in respect of any infringement or misuse (whether past present or future) of any of the above-mentioned rights hereby transferred including the rights conferred by publication of any patent application or design application.

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- (b) to keep the INVENTION confidential and not to disclose it to any person without the prior written consent of the ASSIGNEE,
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- (b) protecting and enforcing any of the PATENT RIGHTS and other intellectual property rights relating to the INVENTION,
- (c) recording any of the PATENT RIGHTS and other rights in the name of the ASSIGNEE or the ASSIGNEE's successors in title or nominees as sole applicant or registered proprietor as the case may be,
- (d) assisting in the resolution of any question concerning the INVENTION or the PATENT RIGHTS or other intellectual property rights.

- 3.2 The INVENTOR and the EMPLOYER hereby authorise the officers from time to time of the ASSIGNEE to do or authorise the doing of all such acts (including the signing of all such documents) on behalf of the INVENTOR and/or the EMPLOYER as the ASSIGNEE may consider appropriate for the purpose of giving effect to the provisions of clause 3.1.

4. Law

This Agreement shall be governed by and construed and take effect in accordance with the laws of England.

IN WITNESS of which the parties have executed this Agreement in accordance with their statutes by duly authorised officers effective on the date of the last of the parties' signatures.

EXECUTED by the INVENTOR:

Name: Robert Blackburn

Signature: 

Date: 11 April 2014


In the presence of a Witness:

Witness signature: 

Witness name: MARC DOYLE

EXECUTED by the EMPLOYER: Cytex Engineered Materials Limited

Name: Roy Smith

Signature: 

Title: Director

Date: MAY 12, 2014


In the presence of a Witness:

Witness signature: 

Witness name: Patricia L. Hup

EXECUTED by the ASSIGNEE: Cytex Industries Inc.

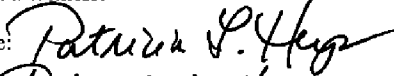
Name: Roy Smith

Signature: 

Title: Vice President

Date: MAY 12, 2014

In the presence of a Witness:

Witness signature: 

Witness name: Patricia L. Hup

## SCHEDULE - THE INVENTION/APPLICATION

Part A – Description of the INVENTIONPart B – The APPLICATION

<u>Country/ Convention</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>	<u>References</u>
PCT	PCT/US2012/070480	19 December 2012	DRY FIBROUS MATERIAL FOR SUBSEQUENT RESIN INFUSION	11011S-WO- PCT

## ASSIGNMENT

I, **William Jacobs**, residing at 9 Old Lantern Drive, Bethel, Connecticut, 06801, United States, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **CYTEC INDUSTRIES INC.**, a corporation organized under the laws of the state of Delaware, with offices at **5 Garret Mountain Plaza, Woodland Park, New Jersey 07424**, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my/our entire right, title and interest in and to the invention which is disclosed in the international application entitled:

### **DRY FIBROUS MATERIAL FOR SUBSEQUENT RESIN INFUSION**

filed on **19 December 2012** and assigned **Application No. PCT/US2012/070480**, (2) all rights of priority based on the aforesaid invention under the terms of the International Convention and other relevant International Treaties; (3) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our name(s) at the ASSIGNEE, or its designee's election, on the aforesaid invention in any and all countries of the world; (4) the entire right, title and interest in and to any and all Letters Patent which may be granted from said invention in the United States and in all foreign countries, and any renewals, revivals, reissues, substitutions and extensions thereof, and any patents of confirmation, registration and importation of the same.

I/We hereby authorize and request the competent authorities to grant and to issue any and all of said Letters Patent, when granted, to the ASSIGNEE as the assignee of my/our entire right, title and interest in and to the same, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said invention, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said invention, and divisions, continuations, renewals, revivals, reissues, substitutions and extensions thereof.

I/We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said invention throughout all countries of the world, and otherwise to do that is necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

I/We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I/We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention as may be known and accessible to me/us, and will testify as to the same in any litigation or legal proceeding related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, and enforce proper protection for said invention in the United States and all foreign countries.

No amendment, modification or alteration of the terms or provisions of this Agreement will be binding unless the same is in writing and duly executed by ASSIGNOR and ASSIGNEE, except that ASSIGNEE'S representative shall have the power to correct typographical errors and to insert into this Assignment any further identification that may be necessary or desirable for purposes of recording this Assignment.

Date: April 11, 2014



Signature of: William Jacobs



## ASSIGNMENT

I, **Carmelo LoFaro**, residing at 9246 N. 114th Street, Scottsdale, Arizona, 85259, United States, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **CYTEC INDUSTRIES INC., a corporation organized under the laws of the state of Delaware, with offices at 5 Garret Mountain Plaza, Woodland Park, New Jersey 07424**, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my/our entire right, title and interest in and to the invention which is disclosed in the international application entitled:

### **DRY FIBROUS MATERIAL FOR SUBSEQUENT RESIN INFUSION**

filed on **19 December 2012** and assigned **Application No. PCT/US2012/070480**, (2) all rights of priority based on the aforesaid invention under the terms of the International Convention and other relevant International Treaties; (3) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our name(s) at the ASSIGNEE, or its designee's election, on the aforesaid invention in any and all countries of the world; (4) the entire right, title and interest in and to any and all Letters Patent which may be granted from said invention in the United States and in all foreign countries, and any renewals, revivals, reissues, substitutions and extensions thereof, and any patents of confirmation, registration and importation of the same.

I/We hereby authorize and request the competent authorities to grant and to issue any and all of said Letters Patent, when granted, to the ASSIGNEE as the assignee of my/our entire right, title and interest in and to the same, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

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Date: 4/30/2014



Signature of: Carmelo LoFaro

## ASSIGNMENT

I, **Dominique Ponsolle**, residing at 1379 Conrad Drive, Winona, MN 55987, United States the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **CYTEC INDUSTRIES INC.**, a corporation organized under the laws of the state of Delaware, with offices at 5 Garret Mountain Plaza, Woodland Park, New Jersey 07424, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my/our entire right, title and interest in and to the invention which is disclosed in the international application entitled:

### DRY FIBROUS MATERIAL FOR SUBSEQUENT RESIN INFUSION

filed on **19 December 2012** and assigned Application No. **PCT/US2012/070480**, (2) all rights of priority based on the aforesaid invention under the terms of the International Convention and other relevant International Treaties; (3) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our name(s) at the ASSIGNEE, or its designee's election, on the aforesaid invention in any and all countries of the world; (4) the entire right, title and interest in and to any and all Letters Patent which may be granted from said invention in the United States and in all foreign countries, and any renewals, revivals, reissues, substitutions and extensions thereof, and any patents of confirmation, registration and importation of the same.

I/We hereby authorize and request the competent authorities to grant and to issue any and all of said Letters Patent, when granted, to the ASSIGNEE as the assignee of my/our entire right, title and interest in and to the same, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said invention, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said invention, and divisions, continuations, renewals, revivals, reissues, substitutions and extensions thereof.

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Date: April 15<sup>th</sup>, 2014

A handwritten signature in black ink, consisting of a large, stylized loop followed by a horizontal line.

Signature of: **Dominique Ponsolle**

## ASSIGNMENT

I, **Mark Roman**, residing at 10132 South Britley Bay, South Jordan, UT, 84095, United States, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **CYTEC INDUSTRIES INC., a corporation organized under the laws of the state of Delaware, with offices at 5 Garret Mountain Plaza, Woodland Park, New Jersey 07424**, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my/our entire right, title and interest in and to the invention which is disclosed in the international application entitled:

### DRY FIBROUS MATERIAL FOR SUBSEQUENT RESIN INFUSION

filed on **19 December 2012** and assigned **Application No. PCT/US2012/070480**, (2) all rights of priority based on the aforesaid invention under the terms of the International Convention and other relevant International Treaties; (3) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our name(s) at the ASSIGNEE, or its designee's election, on the aforesaid invention in any and all countries of the world; (4) the entire right, title and interest in and to any and all Letters Patent which may be granted from said invention in the United States and in all foreign countries, and any renewals, revivals, reissues, substitutions and extensions thereof, and any patents of confirmation, registration and importation of the same.

I/We hereby authorize and request the competent authorities to grant and to issue any and all of said Letters Patent, when granted, to the ASSIGNEE as the assignee of my/our entire right, title and interest in and to the same, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

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Date: 4/15/2014

  
Signature of: Mark Roman

## ASSIGNMENT

I, **Richard Price**, residing at 3331 Rural Circle, Corona, CA 92882, United States, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **CYTEC INDUSTRIES INC., a corporation organized under the laws of the state of Delaware, with offices at 5 Garret Mountain Plaza, Woodland Park, New Jersey 07424**, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my/our entire right, title and interest in and to the invention which is disclosed in the international application entitled:

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filed on **19 December 2012** and assigned **Application No. PCT/US2012/070480**, (2) all rights of priority based on the aforesaid invention under the terms of the International Convention and other relevant International Treaties; (3) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our name(s) at the ASSIGNEE, or its designee's election, on the aforesaid invention in any and all countries of the world; (4) the entire right, title and interest in and to any and all Letters Patent which may be granted from said invention in the United States and in all foreign countries, and any renewals, revivals, reissues, substitutions and extensions thereof, and any patents of confirmation, registration and importation of the same.

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Date: 5-8-14



Signature of: **Richard Price**



## ASSIGNMENT

I, **Mitchell Smith**, residing at **2054 Whitney Lane, Bel Air, Maryland 21015, United States**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **CYTEC INDUSTRIES INC., a corporation organized under the laws of the state of Delaware, with offices at 5 Garret Mountain Plaza, Woodland Park, New Jersey 07424**, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my/our entire right, title and interest in and to the invention which is disclosed in the international application entitled:

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filed on **19 December 2012** and assigned **Application No. PCT/US2012/070480**, (2) all rights of priority based on the aforesaid invention under the terms of the International Convention and other relevant International Treaties; (3) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our name(s) at the ASSIGNEE, or its designee's election, on the aforesaid invention in any and all countries of the world; (4) the entire right, title and interest in and to any and all Letters Patent which may be granted from said invention in the United States and in all foreign countries, and any renewals, revivals, reissues, substitutions and extensions thereof, and any patents of confirmation, registration and importation of the same.

I hereby authorize and request the competent authorities to grant and to issue any and all of said Letters Patent, when granted, to the ASSIGNEE as the assignee of my/our entire right, title and interest in and to the same, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said invention, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said invention, and divisions, continuations, renewals, revivals, reissues, substitutions and extensions thereof.

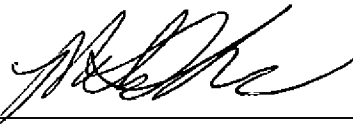
I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said invention throughout all countries of the world, and otherwise to do that is necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention as may be known and accessible to me/us, and will testify as to the same in any litigation or legal proceeding related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, and enforce proper protection for said invention in the United States and all foreign countries.

No amendment, modification or alteration of the terms or provisions of this Agreement will be binding unless the same is in writing and duly executed by ASSIGNOR and ASSIGNEE, except that ASSIGNEE'S representative shall have the power to correct typographical errors and to insert into this Assignment any further identification that may be necessary or desirable for purposes of recording this Assignment

Date: 5-12-2014

  
\_\_\_\_\_  
Signature of: Mitchell Smith

## EMPLOYMENT AGREEMENT

THIS AGREEMENT, made as of the 1st day of December, 2003, between CYTEC ENGINEERED MATERIALS INC., a corporation organized and existing under the laws of the State of Delaware, with its principal offices at 2085 East Technology Circle, Suite 300, Tempe, Arizona 85284 (hereinafter referred to as the "COMPANY"), and

**Abdel Abusaffeh**

residing at 11550 Alkaid Drive, San Diego, CA 92126  
Social Security No. [REDACTED]

(hereinafter called the "EMPLOYEE"),

### WITNESSETH:

In consideration of the EMPLOYEE'S employment (reemployment/continuing employment) by the COMPANY and the covenants hereinafter set forth, it is mutually agreed as follow:

1. **EMPLOYEE'S REPRESENTATION.** The EMPLOYEE represents that all statements made in or with respect to EMPLOYEE'S Application for Employment are true and correct, that the EMPLOYEE has disclosed any and all limitations affecting employment with the COMPANY contained in any written agreement with any other employer, and that the EMPLOYEE is not prohibited by any other agreement from performing services for the COMPANY.

2. **EMPLOYEE'S SERVICES.** The EMPLOYEE shall faithfully and to the best of EMPLOYEE'S ability devote all of the EMPLOYEE'S working time exclusively to the performance of such services for the COMPANY as may be assigned to EMPLOYEE. The EMPLOYEE shall have an assigned headquarters at such place as the COMPANY from time to time may direct. The EMPLOYEE shall not, for remuneration or profit, directly or indirectly, render any service to, or undertake any employment for, any other person, firm or corporation, whether in an advisory or consulting capacity or otherwise, without first obtaining the written consent of an officer of the COMPANY. The EMPLOYEE agrees to abide by the rules, regulations, policies, and procedures of the COMPANY as from time to time in effect.

3. **SALARY.** The COMPANY shall pay to the EMPLOYEE, in full payment for the services performed by the EMPLOYEE, the base salary of [REDACTED] per Month. The COMPANY reserves the right, at any time and from time to time, to adjust the base salary of the EMPLOYEE (and also pay or not to pay any bonus or other special remuneration) without changing the other provisions of this Agreement, provided that the base salary of the EMPLOYEE shall not be reduced to a rate less than that specified above.

4. **REIMBURSEMENT OF EXPENSES.** The COMPANY shall reimburse the EMPLOYEE, in accordance with policies and practices of the COMPANY then in effect, for (a) expenses of moving in connection with a COMPANY - directed change of the EMPLOYEE'S headquarters under circumstances reasonably requiring a change of residence and (b) travel, entertainment and other business expenses.

5. **DURATION OF EMPLOYMENT.** The EMPLOYEE'S employment hereunder shall commence **December 1, 2003** and shall continue until the earlier of the EMPLOYEE'S death or retirement date under any applicable retirement plan then in effect, subject to the right of either the EMPLOYEE or the COMPANY to terminate the employment at any time at the will of either party by written notice given in accordance with the following schedules:

- (a) With respect to employees while classified as "non-exempt employee" under the wage and hour provisions of the Federal Fair Labor Standards Act:

Length of Continuous Employment  
(Determined as of the Date of Notice)

Required Notice Period

Less than 6 months

1 day

At least 6 months

2 weeks for employees paid on a weekly or biweekly basis; one-half month for employees paid on a monthly or semimonthly basis.

**PATENT**

**REEL: 033139 FRAME: 0773**

- (b) With respect to employees while classified as "exempt employees" under the wage and hour provisions of the Federal Fair Labor Standards Act:

Required Notice Period

1 month

In the event of such notice of termination, the EMPLOYEE shall remain for all or any part of the required notice period if so requested by the COMPANY, but the COMPANY reserves the right at any time to pay to EMPLOYEE the EMPLOYEE'S full base salary (in one or more installments) for or during the required notice period and, at will, to terminate the employment immediately or at any time during the required notice period. Notwithstanding the foregoing, the COMPANY shall have the right, by written notice to the EMPLOYEE but without any required notice period, to terminate the EMPLOYEE'S employment at any time in the event of default or nonperformance by the EMPLOYEE of any of the provisions of this Agreement.

6. RESTRICTION ON COMPETITIVE EMPLOYMENT. For the period of twelve months immediately after termination of employment with the COMPANY, the EMPLOYEE shall not engage in any work or other activity-whether as owner, stockholder, partner, officer, consultant, employee or otherwise-involving a product or process similar or any product or process on which the EMPLOYEE worked for the COMPANY (or any of its subsidiary or affiliated companies) at any time during the period of two years immediately prior to termination of employment, if such work or other activity is then competitive with that of the COMPANY (or any of its subsidiary or affiliated companies), provided that this restriction shall not apply if the EMPLOYEE has disclosed to the COMPANY in writing all the known facts relating to such work or activity and has received a release in writing from an officer of the COMPANY to engage in such work or activity. However, if the COMPANY refuses to grant such a written release and if the EMPLOYEE is unable to obtain employment consistent with the EMPLOYEE'S qualifications and experience solely because of such refusal, then in that event the COMPANY shall make payments to the EMPLOYEE at the rate of EMPLOYEE'S base salary at termination of employment for each month that the EMPLOYEE has certified that EMPLOYEE has been unable for such reason to secure such employment; provided that the obligation of the company to make such payments shall cease upon whichever is the first to occur of (a) the date the EMPLOYEE shall obtain employment, (b) the date on which the COMPANY shall grant a written release to the EMPLOYEE, or (c) the expiration of twelve months following the termination of employment; and provided further that no such payment shall be made for any month for which any payment is made by the COMPANY to the EMPLOYEE under any other provision of this Agreement. Ownership by the EMPLOYEE of five percent or less of the outstanding shares of stock of any company either (i) listed in a national securities exchange or (ii) having at least 100 stockholders shall not make the EMPLOYEE a "stockholder" within the meaning of that term as used in this paragraph. Nothing in this paragraph shall limit the rights or remedies of the COMPANY arising directly or indirectly from such competitive employment including, without limitation, claims based upon breach of fiduciary duty, misappropriation, or theft of confidential information.

7. CONFIDENTIAL INFORMATION. The EMPLOYEE understands that in the performance of service hereunder EMPLOYEE may originate or obtain knowledge of "confidential information", as hereinafter defined, relating to the business of the COMPANY (or of any of its subsidiary or affiliated companies). As used herein, "confidential information" means any information, however obtained (including, without limitation, any formula, pattern, device, plan, process, or compilation of information), which (i) is, or is designed to be, used in the business of the COMPANY (or of any of its subsidiary or affiliated companies) or results from its or their research and/or development activities, (ii) is private or confidential in that it is not generally known or available to the public and, (iii) gives the COMPANY (or any of its subsidiary or affiliated companies) an opportunity to obtain an advantage over competitors who do not know or use it. The EMPLOYEE shall not, without the written consent of an officer of the COMPANY, either during the term of his employment or thereafter, (a) use or disclose any such confidential information outside the COMPANY (or any of its subsidiary or affiliated companies), (b) publish any article with respect thereto, (c) except in the performance of his services hereunder, remove or aid in the removal from the premises of the COMPANY any such confidential information or any property or material which relates thereto. The provisions of this paragraph shall serve the termination of this Agreement.

8. INVENTIONS.

- (a) The EMPLOYEE shall promptly disclose to the COMPANY any and all inventions, discoveries, developments, improvements, machines, appliances, processes, products, or the like, whether or not patentable, (all of which are referred to herein as "inventions"), which the EMPLOYEE may invent, conceive, produce, or reduce to practice, either solely or jointly with others, at any time (whether or not during working hours) during employment hereunder, or during such period thereafter (not exceeding one year) from which the COMPANY shall have notified the EMPLOYEE in writing, prior to the termination of employment, that it will continue to pay the EMPLOYEE amounts equivalent to EMPLOYEE'S then base salary, provided said payments are made or tendered.
- (b) All such inventions which in any way relate to the goods or materials produced, sold or used by the COMPANY (or by any of its subsidiary or affiliated companies), or to any methods, processes or apparatus used in connection with the production or treatment of such goods or materials, or in either case which are or may be or may become capable of use in the business of the COMPANY (or of any of its subsidiary or affiliated companies), shall at all times and for all purposes be regarded as acquired and held by the EMPLOYEE in a fiduciary capacity for, and solely for the benefit of, the COMPANY.
- (c) With respect to all such inventions, the EMPLOYEE shall:
  - (i) treat all information with respect thereto as confidential information within the meaning of, and subject to, paragraph 7 of this Agreement;
  - (ii) keep complete and accurate records thereof, which records shall be the property of the COMPANY;
  - (iii) execute any application for letters patent of the United States and any and all other countries covering such inventions, and give to the COMPANY, its attorneys and solicitors all reasonable and requested assistance in preparing such application;
  - (iv) from time to time, upon the request and at the expense of the COMPANY, but without charge for services beyond the payments herein provided for, execute all assignments or other instruments required to transfer and assign to the COMPANY (or as it may direct) all inventions, and all patents and applications for patents covering such inventions or otherwise required to protect the rights and interests of the COMPANY;
  - (v) testify in proceeding or litigation as to all such inventions; and
  - (vi) in case the COMPANY shall desire to keep secret any such invention, or shall for any reason decide not to have letters patent applied for thereon, refrain from applying for letters patent thereon.

Payments at reasonable hourly rates shall be made by the COMPANY to the EMPLOYEE for time actually spent by the EMPLOYEE in the foregoing activities at the request of the COMPANY, if such activities occur after termination of employment and after expiration of any postemployment period for which any payment is made by the COMPANY to the EMPLOYEE under any other provision of this Agreement.

- (d) No termination of employment or of this Agreement shall release the EMPLOYEE or EMPLOYEE'S heirs or legal representatives from the foregoing obligations as to such inventions.

9. EMPLOYEE BENEFITS. The EMPLOYEE may participate in the employee benefits plan and programs of the COMPANY applicable to EMPLOYEE as from time to time in effect, but shall not acquire any vested right to the continuation of any such plan or program, or to EMPLOYEE'S participation in it, except as may be specifically provided by the written terms of the plan document for such plan or program. The EMPLOYEE acknowledges the COMPANY'S right to change or discontinue any such plan or program, or substitute any new or different plan or program, at any time.

10. ARBITRATION. All claims and controversies arising out of or relating to the employment relationship, this Agreement, or any purported breach hereof (including but not limited to claims or controversies under securities, safety, civil rights, health, environmental, antitrust, and/or labor laws or under any other laws, whether or not similar to the foregoing), shall be settled by arbitration administered by the American Arbitration Association under its rules applicable to employment dispute resolution. Judgement on the arbitrator's award may be entered in any court. The arbitration shall be closed to third parties and shall be conducted before a single arbitrator in the state of the EMPLOYEE'S latest United States work location with the COMPANY or, if the EMPLOYEE'S latest work location with the COMPANY is outside the United States, in Newark, New Jersey. The arbitration shall be subject to the following special rules: (i) the arbitrator shall make such protective orders as are reasonable and necessary to preserve the confidentiality of a party's Confidential Information; (ii) the arbitrator may not award punitive damages against either party, (iii)

the arbitrator may require specific performance of obligations under the Agreement; and (iv) except to the extent, if any, specifically provided to the contrary in any written benefit or compensation plan of the COMPANY, each party shall bear its own costs and expenses of the arbitration and one-half of the fees and costs of the arbitrator. If the American Arbitration Association ceases to administer arbitration proceedings of the type provided for in this Agreement, the Company may designate an alternative agency to administer arbitration proceedings under this Agreement. This paragraph 10 inures to the benefit of the COMPANY'S parent and subsidiary companies.

11. ASSIGNABILITY. This Agreement shall inure to the benefit of any assignee of the COMPANY, and the EMPLOYEE specifically agrees to execute on demand any and all necessary documents in connection therewith.

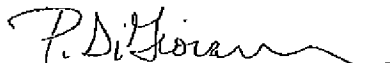
12. NOTICES. Any notice expressly provided for under the Agreement shall be in writing, shall be given either mutually or by mail, telegram, telex, facsimile message, cable or other written means, and shall be deemed sufficiently given if and when received by the party to be notified as its address first set forth above or if and when mailed by registered mail, postage prepaid, addressed to such party at such address. Either party may, by notice to the other, change its address for receiving such notices.

13. ENTIRE AGREEMENT. This Agreement supersedes all previous contracts for personal services between the COMPANY and the EMPLOYEE. This Agreement constitutes the entire understanding between the parties hereto with reference to the subject matter hereof and shall not be changed or modified except by a written instrument signed by both parties which specifically states that it is an amendment to this Agreement. No course of dealing, publication, plan description, oral or written policy, or oral or written statement by any officer, director, employee or agent or by any other person speaking or purporting to speak for or on behalf of the COMPANY shall change or modify or add to or subtract from the provisions of this Agreement, which shall in all respects control.

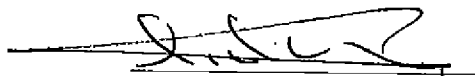
IN WITNESS WHEREOF the COMPANY has caused this Agreement to be executed in duplicate by a proper and duly authorized representative thereof, and the EMPLOYEE has signed this Agreement in duplicate, as of the day and year first above written.

CYTEC ENGINEERED MATERIALS INC.

By:

  
Pamela Di Giovanni

Title: Manager, Human Resources

  
Abdel Abusafieh

12/1/63 (EMPLOYEE)

## ASSIGNMENT

### PARTIES:

- (1) **Cytec Engineered Materials Inc.**  
of 2085 East Technology Circle, Suite 300, Tempe, Arizona 85284, USA  
(hereinafter referred to as "CEM")
- (2) **Cytec Industries Inc.**  
of 5 Garret Mountain Plaza, Woodland Park, New Jersey 07424, USA,  
(hereinafter referred to as "CII")

### RECITALS:

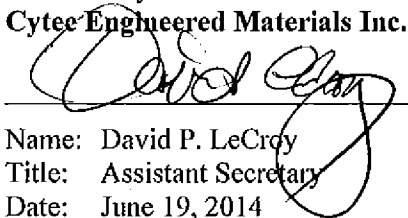
1. Abdel Abusafieh is one of the inventors in respect of the invention(s) set forth in the application for Letters Patent of the United States (the "Application") identified in the Annex.
2. CEM is, by virtue of an employment contract between the inventor, Abdel Abusafieh, and CEM, dated December 1, 2003, the employer to whom the inventor is under an obligation to assign a share in the rights in the Application, as well as all parallel intellectual property rights based on the Application.
3. CEM is a subsidiary of and wholly owned by CII.

### ASSIGNMENT AND WARRANTY:

1. CEM hereby transfers for good and valuable consideration, the receipt of which is hereby acknowledged, to CII, who accepts this transfer, all of CEM's right, title and interest, including the right of priority, in, to and under the Application and the invention(s) set forth therein, and any and all continuations, divisions, extensions, and renewals of and substitutes for said Application, and any and all Letters Patents which may be granted thereon or therefore in the United States and in all countries foreign thereto, and in and to any renewals, revivals, reissues, and extensions thereof, and any patents of confirmation, registration and importation of the same.
2. CEM covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Executed by

**Cytec Engineered Materials Inc.**

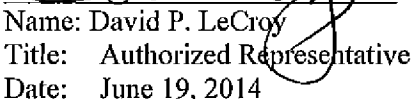
  
Name: David P. LeCroy  
Title: Assistant Secretary  
Date: June 19, 2014

Witness:

  
Signature Date

Executed by

**Cytec Industries Inc.**

  
Name: David P. LeCroy  
Title: Authorized Representative  
Date: June 19, 2014

Witness:

  
Signature Date

## Annex

Country	Application No.	Filing Date	Title	Docket No.
US	14/366,711	June 19, 2014	Dry Fibrous Material for Subsequent Resin Infusion	11011S-US-PCT

**Other inventors:**

Dominique Ponsolle  
Carmelo Luca Restuccia  
William Jacobs  
Robert Blackburn  
Carmelo LoFaro  
Richard Price  
Marc Doyle  
Mitchell Smith  
Mark Roman