### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Sathanjheri Ravishankar	09/05/2013
Bing Wang	09/05/2013

#### **RECEIVING PARTY DATA**

Name:	Cytec Technology Corp.	
Street Address:	300 Delaware Avenue	
City:	Wilmington	
State/Country:	DELAWARE	
Postal Code:	19801	

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13053988

# **CORRESPONDENCE DATA**

**Fax Number**: 2033212971

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

Phone: 203-321-2916

Email: StamfordPatent@cytec.com

Correspondent Name: Charles E. Bell
Address Line 1: Cytec Industries Inc.

Address Line 2: 1937 West Main St. / P.O. Box 60
Address Line 4: Stamford, CONNECTICUT 06904-0060

ATTORNEY DOCKET NUMBER:	11010S-US-NP	
NAME OF SUBMITTER:	Charles E. Bell, Reg. No. 48,128	
Signature:	/Charles E. Bell/	
Date:	09/13/2013	

502494437 REEL: 031199 FRAME: 0548

PATENT

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CH \$40.00

Total Attachments: 4

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PATENT REEL: 031199 FRAME: 0549

### ASSIGNMENT

I/We, Sathanjheri Ravishankar of Shelton, Connecticut 06484 and Bing Wang of Brookfield, Connecticut 06804, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to Cytec Technology Corp., a corporation organized under the laws of Delaware, with offices at 300 Delaware Avenue, Wilmington, Delaware 19801, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my/our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

## PREVENTING OR REDUCING SCALE IN WET-PROCESS PHOSPHORIC ACID PRODUCTION

filed as a new application with the U.S. Patent and Trademark Office on March 22, 2011 and assigned Application No. 13/053988, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefore; (2) 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 inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, 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 inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations 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 inventions, discoveries and applications throughout all countries of the world, and otherwise to do that 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.

PATENT REEL: 031199 FRAME: 0550 I/We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or 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, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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 Agreement any further identification that may be necessary or desirable for purposes of recording this Assignment

Dated: 9/5/2013	
	Signature of: Sathanjheri Ravishankar
State of Connecticut	
County of USA	
Subscribed and sworn to before me this 5	day of September 2013.  Notary Public  My commission expires 101 30, 32, 32, 32, 32, 32, 32, 32, 32, 32, 32
Dated:	Signature of: Bing Wang
State of	
County of	
Subscribed and swom to before me this	day.of
	Notary Public
	My commission expires

## ASSIGNMENT

I/We, Sathanjheri Ravishankar of Shelton, Connecticut 06484 and Bing Wang of Brookfield, Connecticut 06804, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to Cytec Technology Corp., a corporation organized under the laws of Delaware, with offices at 300 Delaware Avenue, Wilmington, Delaware 19801, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my/our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

# PREVENTING OR REDUCING SCALE IN WET-PROCESS PHOSPHORIC ACID PRODUCTION

filed as a new application with the U.S. Patent and Trademark Office on March 22, 2011 and assigned Application No. 13/053988, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefore; (2) 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 inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, 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 inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations 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 inventions, discoveries and applications throughout all countries of the world, and otherwise to do that 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.

PATENT REEL: 031199 FRAME: 0552 I/We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or 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, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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 Agreement any further identification that may be necessary or desirable for purposes of recording this Assignment

Dated:	
	Signature of: Sathanjheri Ravishankar
State of	
County of	
Subscribed and sworn to before me this	day of
	Notary Public
	My commission expires
Dated: <u>9/5//3</u>	Signature of: Bing Wang
State of/LC/NO/S	**************************************
County of	
Subscribed and sworn to before me this	day of
**************************************	Notary Public
NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES DECEMBER 02, 2014	My commission expires Zee. Z, 2014.