

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5612881

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LEI ZHANG	11/08/2018
RAJESH RAITANI	11/13/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CYTEC INDUSTRIES INC.
<b>Street Address:</b>	504 CARNEGIE CENTER
<b>City:</b>	PRINCETON
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08540
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16152918
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)321-2971
<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@solway.com
<b>Correspondent Name:</b>	CYTEC INDUSTRIES INC.
<b>Address Line 1:</b>	1937 WEST MAIN STREET
<b>Address Line 2:</b>	ATTN: INTELLECTUAL ASSETS MANAGEMENT
<b>Address Line 4:</b>	STAMFORD, CONNECTICUT 06902
<b>ATTORNEY DOCKET NUMBER:</b>	2017/013-US-NP
<b>NAME OF SUBMITTER:</b>	CHARLES E. BELL
<b>SIGNATURE:</b>	/Charles E. Bell/
<b>DATE SIGNED:</b>	07/11/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 6</b>	
source=CYT_2017_013_US_NP_ZHANG_Combined-Declaration-Assignment_executed#page1.tif	
source=CYT_2017_013_US_NP_ZHANG_Combined-Declaration-Assignment_executed#page2.tif	
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## COMBINED DECLARATION AND ASSIGNMENT

As the below named inventor, I hereby declare that this Declaration is directed to the application entitled:

### COMPOSITIONS AND PROCESSES FOR REMOVING HEAVY METALS FROM PHOSPHORIC ACID SOLUTIONS

the specification of which:

- (a) ☐ is attached hereto; or
- (b) ☒ was filed as a non-provisional patent application with the U.S. Patent and Trademark Office on **October 5, 2018**, and assigned **Application No. 16/152918**

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor, or an original joint inventor, of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

NOW, THEREFORE, I the undersigned, pursuant to the terms of my employment contract, and/or for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **Cytec Industries Inc., having offices at 504 Carnegie Center, Princeton, New Jersey 08540**

and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my 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 above-referenced application, 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 name 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, including **U.S. Provisional Application No. 62/569,590, filed on October 8, 2017**, in any country of the world, in and to the above inventions, discoveries and applications.

I 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 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 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 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 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 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: 11/8/2018

Zhang  
Signature of: Bei Zhang

State of Connecticut

County of Fairfield

Subscribed and sworn to before me this 8<sup>th</sup> day of November, 2018.

Cheryl L. Telesco  
Notary Public Cheryl L. Telesco  
My commission expires 6/30/2023



Dated: \_\_\_\_\_

Signature of: **Xueping Qiu**

State of \_\_\_\_\_

County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

Dated: \_\_\_\_\_

Signature of: **Rajesh Raitani**

State of \_\_\_\_\_

County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

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and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my 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 above-referenced application, 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 name 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, including **U.S. Provisional Application No. 62/569,590, filed on October 8, 2017**, in any country of the world, in and to the above inventions, discoveries and applications.

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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 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.

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Dated: \_\_\_\_\_

Signature of: Lei Zhang

State of \_\_\_\_\_

County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_

Notary Public

My commission expires \_\_\_\_\_

Dated: \_\_\_\_\_

Signature of: Xueping Qiu

State of \_\_\_\_\_

County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_

Notary Public

My commission expires \_\_\_\_\_

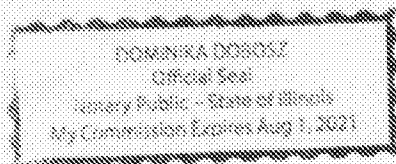
Dated: 11/13/2018

Rajesh Raitani  
Signature of: Rajesh Raitani

State of ILLINOIS

County of LAKE

Subscribed and sworn to before me this 13<sup>th</sup> day of November



Dominika Dosoz  
Notary Public

My commission expires 08/01/21