

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5378356

|   |                          |
|---|--------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT           |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT               |
| <b>CONVEYING PARTY DATA</b>   |                          |
| <b>Name</b>   | <b>Execution Date</b>    |
| XIAOBO ZHU  | 01/31/2019               |
| JUANITA PARRIS  | 02/15/2019               |
| RALPH ARCURI  | 01/31/2019               |
| MOHAMMAD S. FARAHAT   | 01/31/2019               |
| <b>RECEIVING PARTY DATA</b>   |                          |
| <b>Name:</b>  | SUN CHEMICAL CORPORATION |
| <b>Street Address:</b>  | 35 WATERVIEW BOULEVARD   |
| <b>City:</b>  | PARSIPPANY               |
| <b>State/Country:</b>   | NEW JERSEY               |
| <b>Postal Code:</b>   | 07054                    |
| <b>PROPERTY NUMBERS Total: 1</b>  |                          |
| <b>Property Type</b>  | <b>Number</b>            |
| <b>Application Number:</b>  | 16325905                 |
| <b>CORRESPONDENCE DATA</b>  |                          |
| <b>Fax Number:</b>  | (212)382-0888            |
| <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>Phone:</b>   | 212-596-0500             |
| <b>Email:</b>   | pat@ostrolenk.com        |
| <b>Correspondent Name:</b>  | OSTROLENK FABER LLP      |
| <b>Address Line 1:</b>  | 845 THIRD AVENUE         |
| <b>Address Line 4:</b>  | NEW YORK, NEW YORK 10022 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 066847-10272 C-1039 US   |
| <b>NAME OF SUBMITTER:</b>   | NALINI P. SAHADEO        |
| <b>SIGNATURE:</b>   | /NPS/                    |
| <b>DATE SIGNED:</b>   | 02/15/2019               |
| This document serves as an Oath/Declaration (37 CFR 1.63).  |                          |
| <b>Total Attachments: 4</b><br>source=02373932#page1.tif  |                          |

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|--|------------------------|-------------------------|
| COMBINED DECLARATION FOR UTILITY OR<br>DESIGN PATENT APPLICATION (37 CFR 1.63)<br>AND ASSIGNMENT | Attorney Docket Number | 66847-10272 (C-1039 US) |
|  | First Named Inventor   | Xiaobo Zhu              |
|  | COMPLETE IF KNOWN      |                         |
|  | Application Number     | New Application         |
|  | Filing Date            | Herewith                |

## ENCAPSULATED MATERIALS WITH IMPROVED PROPERTIES

*(Title of the Invention)*

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☐ The attached application,  
OR  
☒ United States application number or PCT International application number PCT/US17/47347  
filed on August 17, 2017.

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

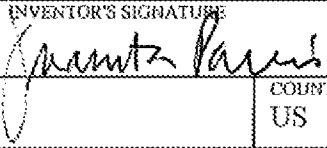
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

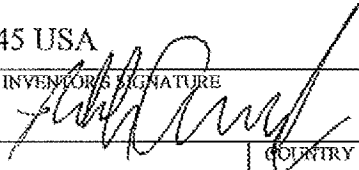
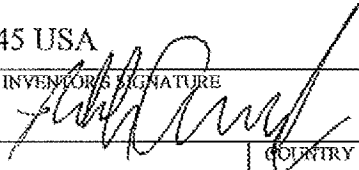
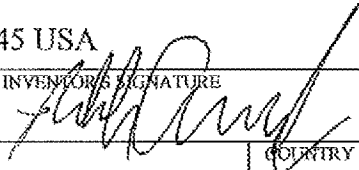
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

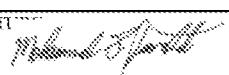
WHEREAS, SUN CHEMICAL CORPORATION having a place of business at 35 Waterview Boulevard, Parsippany, New Jersey, 07054, US, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), as inventor(s) and as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States in and to said aforesaid application for Patent and all my (our) invention(s) disclosed and claimed in said aforesaid application, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said invention(s) or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said invention(s) and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention(s), whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention(s) in the United States, the expenses incident to said applications to be borne and paid by said assignee.

|   |                    |   |                        |
|---|--------------------|---|------------------------|
| LEGAL NAME OF SOLE OR FIRST INVENTOR<br><b>Xiaobo Zhu</b>           |                    | INVENTOR'S SIGNATURE<br><i>Xiaobo Zhu</i> | DATE<br><i>1/31/19</i> |
| RESIDENCE: CITY<br><b>Nutley</b>                                    | STATE<br><b>NJ</b> | COUNTRY<br><b>US</b>                      |                        |
| MAILING ADDRESS<br><b>543 Coventry Drive, Nutley, NJ, 07110 USA</b> |                    |   |                        |

|   |  |  |  |
|---|--|--|--|
| <b>DECLARATION FOR UTILITY OR DESIGN<br/>PATENT APPLICATION (37 CFR 1.63) AND ASSIGNMENT</b>  |  | Attorney Docket Number<br>66847-10272 (C-1039 US)  |  |
| <p style="text-align: center; margin: 0;"><b>WARNING:</b></p> <p style="font-size: small; margin: 0;">Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: Patent Application Files. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE/PAT - TM-10, System name: Deposit Accounts and Electronic Funds Transfer Profiles.</p> |  |  |  |
| LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:<br><b>Juanita Parris</b>   |  | INVENTOR'S SIGNATURE<br> |  |
| RESIDENCE: CITY<br><b>Montvale</b>  |  | DATE<br><b>2/15/2019</b>   |  |
| STATE<br><b>NJ</b>  |  | COUNTRY<br><b>US</b>   |  |
| MAILING ADDRESS<br><b>87A Upper Saddle River Road, Montvale, NJ 07645 USA</b>   |  |  |  |
| LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:<br><b>Ralph Arcurio</b>  |  | INVENTOR'S SIGNATURE<br>-  |  |
| RESIDENCE: CITY<br><b>Bridgewater</b>   |  | DATE   |  |
| STATE<br><b>NJ</b>  |  | COUNTRY<br><b>US</b>   |  |
| MAILING ADDRESS<br><b>10 Linvale Lane, Bridgewater, NJ, 08807 USA</b>   |  |  |  |
| LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:<br><b>Mohammad Farahat</b>   |  | INVENTOR'S SIGNATURE<br>-  |  |
| RESIDENCE: CITY<br><b>Wyckoff</b>   |  | DATE   |  |
| STATE<br><b>NJ</b>  |  | COUNTRY<br><b>US</b>   |  |
| MAILING ADDRESS<br><b>304 Pine Street, Wyckoff, NJ 07481 USA</b>  |  |  |  |
| LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:  |  | INVENTOR'S SIGNATURE   |  |
| RESIDENCE: CITY   |  | DATE   |  |
| STATE   |  | COUNTRY  |  |
| MAILING ADDRESS   |  |  |  |
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| <b>LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:</b><br>Juanita Parris   |                    | <b>INVENTOR'S SIGNATURE</b><br> |
| <b>RESIDENCE: CITY</b><br>Montvale  | <b>STATE</b><br>NJ | <b>COUNTRY</b><br>US  |
| <b>MAILING ADDRESS</b><br>87A Upper Saddle River Road, Montvale, NJ 07645 USA   |                    |   |
| <b>LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:</b><br>Ralph Arcurio  |                    | <b>INVENTOR'S SIGNATURE</b><br> |
| <b>RESIDENCE: CITY</b><br>Bridgewater   | <b>STATE</b><br>NJ | <b>COUNTRY</b><br>US  |
| <b>MAILING ADDRESS</b><br>10 Linvale Lane, Bridgewater, NJ, 08807 USA   |                    |   |
| <b>LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:</b><br>Mohammad Farahat   |                    | <b>INVENTOR'S SIGNATURE</b><br> |
| <b>RESIDENCE: CITY</b><br>Wyckoff   | <b>STATE</b><br>NJ | <b>COUNTRY</b><br>US  |
| <b>MAILING ADDRESS</b><br>304 Pine Street, Wyckoff, NJ 07481 USA  |                    |   |
| <b>LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:</b>   |                    | <b>INVENTOR'S SIGNATURE</b>   |
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| <b>LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:</b>  |              | <b>INVENTOR'S SIGNATURE</b>   |  |
| Juanita Parris   |              |   |  |
| <b>RESIDENCE: CITY</b>   | <b>STATE</b> | <b>COUNTRY</b>  |  |
| Montvale   | NJ           | US  |  |
| <b>MAILING ADDRESS</b>   |              |   |  |
| 87A Upper Saddle River Road, Montvale, NJ 07645 USA  |              |   |  |
| <b>LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:</b>  |              | <b>INVENTOR'S SIGNATURE</b>   |  |
| Ralph Arcurio  |              |   |  |
| <b>RESIDENCE: CITY</b>   | <b>STATE</b> | <b>COUNTRY</b>  |  |
| Bridgewater  | NJ           | US  |  |
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| Mohammad S. Farahat  |              |  |  |
|  |              | DATE<br>1/31/19   |  |
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| Wyckoff  | NJ           | US  |  |
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