

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3016547

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JOHN E SCHWENDEMAN | 08/28/2014 |
| SHANTI SWARUP | 08/28/2014 |
| XIANGLING XU | 08/28/2014 |
| MARK EDWARD ENGLISH | 09/02/2014 |
| RECEIVING PARTY DATA | |
| Name: | PPG Industries Ohio, Inc. |
| Street Address: | 3800 West 143rd Street |
| City: | Cleveland |
| State/Country: | OHIO |
| Postal Code: | 44111 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14482306 |
| CORRESPONDENCE DATA | |
| Fax Number: | (412)434-4292 |
| <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> | |
| Phone: | 4124342918 |
| Email: | schreck@ppg.com |
| Correspondent Name: | PPG INDUSTRIES, INC. |
| Address Line 1: | ONE PPG PLACE - 39TH FLOOR |
| Address Line 2: | INTELLECTUAL PROPERTY LAW DEPARTMENT |
| Address Line 4: | PITTSBURGH, PENNSYLVANIA 15272 |
| ATTORNEY DOCKET NUMBER: | 13009248P1 |
| NAME OF SUBMITTER: | JOHN CALEB FRANKLIN |
| SIGNATURE: | /John Caleb Franklin, Reg. No. 60,509/ |
| DATE SIGNED: | 09/10/2014 |
| Total Attachments: 4 | |
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ASSIGNMENT

IN CONSIDERATION of good and valuable considerations received from **PPG INDUSTRIES OHIO, INC.**, a corporation of Delaware, having a place of business at Cleveland, Ohio, and intending to be legally bound hereby, we,

| <u>NAME</u> | <u>CITY</u> | <u>COUNTY</u> | <u>STATE/COUNTRY</u> |
|---------------------|--------------|---------------|----------------------|
| John E. Schwendeman | Wexford | Allegheny | PA/USA |
| Shanti Swarup | Allison Park | Allegheny | PA/USA |
| Xiangling Xu | Pittsburgh | Allegheny | PA/USA |
| Mark Edward Endlish | Chicora | Butler | PA/USA |

do hereby sell, assign and set over unto **PPG INDUSTRIES OHIO, INC.**, the entire right, title and interest in and to our invention of improvements in

CURABLE FILM-FORMING COMPOSITIONS AND METHOD OF MITIGATING DIRT BUILD-UP ON A SUBSTRATE

as set forth in our application for Letters Patent of the United States of America, executed by

John E. Schwendeman on the 24 day of August, 2014,
Shanti Swarup on the 28 day of August, 2014,
Xiangling Xu on the 28 day of August, 2014,
Mark Edward Endlish on the 2 day of Sept., 2014,

in and for the United States and all foreign countries, the same to be held and enjoyed by **PPG INDUSTRIES OHIO, INC.**, its successors, assigns, or legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

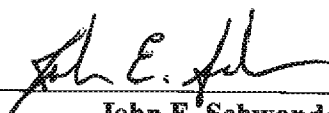
AND WE HEREBY AUTHORIZE **PPG INDUSTRIES OHIO, INC.**, to make application for and to receive Letters Patent for said invention in any or all foreign countries in its own name, or in any name, at its election.

AND WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that we will at any time, upon the request and at the expense of **PPG INDUSTRIES OHIO, INC.**, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor, in **PPG INDUSTRIES OHIO, INC.**, its successors, assigns, or other legal representatives, and that we will, at any time, upon the request

and at the expense of PPG INDUSTRIES OHIO, INC., testify in any legal proceeding, sign all lawful papers, execute any additional, divisional, continuing or reissue applications for patents for said invention, or any part or parts thereof, make all rightful oaths and generally do all lawful acts to aid PPG INDUSTRIES OHIO, INC., its successors, assigns, or other legal representatives to obtain and enforce patent protection on said invention in all countries, without further compensation, but at the expense of PPG INDUSTRIES OHIO, INC., its successors, assigns, or other legal representatives.

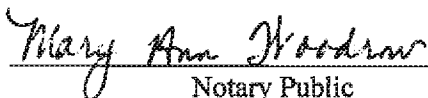
AND WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, or resulting from said application, or from any division, reissue, or extension thereof, to PPG INDUSTRIES OHIO, INC., as sole assignee.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals.

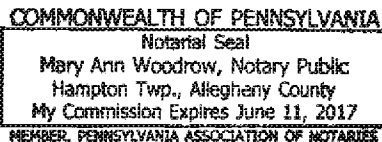


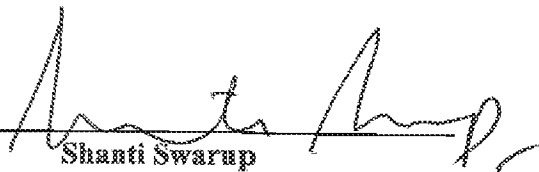
John E. Schwendeman

On this 29 day of AUGUST, 2014, appeared before me in person the above **John E. Schwendeman**, and acknowledged the above to be his/her signature, and that he/she signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.

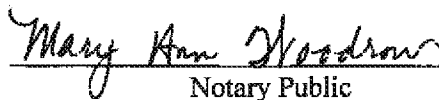


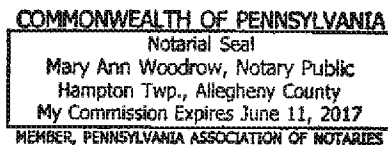
Notary Public





Shanti Swarup

On this 28 day of AUGUST, 2014, appeared before me in person the above **Shanti Swarup**, and acknowledged the above to be his/her signature, and that he/she signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.

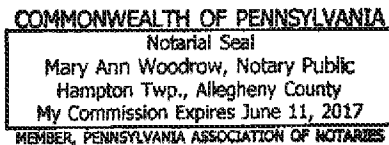

Notary Public

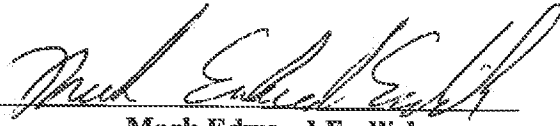



Xiangling Xu

On this 28 day of AUGUST, 2014, appeared before me in person the above **Xiangling Xu**, and acknowledged the above to be his/her signature, and that he/she signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.


Notary Public




Mark Edward Endlish

On this 2 day of SEPTEMBER, 2014, appeared before me in person the above **Mark Edward Endlish**, and acknowledged the above to be his/her signature, and that he/she signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.


Notary Public

