

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hong Li</td> <td>02/20/2013</td> </tr> <tr> <td>James C. Watson</td> <td>02/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hong Li	02/20/2013	James C. Watson	02/20/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>PPG Industries Ohio, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3800 West 143rd Street</td> </tr> <tr> <td>City:</td> <td>Cleveland</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>44111</td> </tr> </table>		Name:	PPG Industries Ohio, Inc.	Street Address:	3800 West 143rd Street	City:	Cleveland	State/Country:	OHIO	Postal Code:	44111
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 3366077500 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 336/607-7427 Email: lsmith@kilpatricktownsend.com Correspondent Name: Jason Link - Kilpatrick Townsend Address Line 1: 1001 West Fourth Street Address Line 4: Winston-Salem, NORTH CAROLINA 27101</p>											
ATTORNEY DOCKET NUMBER:	32961/861375										
NAME OF SUBMITTER:	Laura J. Smith										
<p>Total Attachments: 3 source=Assignment861375#page1.tif source=Assignment861375#page2.tif source=Assignment861375#page3.tif</p>											

OP \$40.00 13756603

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, **HONG LI** of Sewickley, Pennsylvania, and **JAMES C. WATSON** of Lake Wylie, South Carolina, 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

GLASS COMPOSITIONS AND FIBERS MADE THEREFROM

which is found in United States Patent Application Serial No. 13/756,603, filed on February 1, 2013, 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.

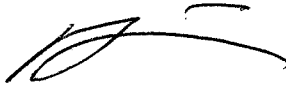
AND WE HEREBY AUTHORIZE PPG INDUSTRIES OHIO, INC., to make application for and to receive Letters Patent for said invention in any or all foreign countries in its own name, or in any name, at its election.

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.



HONG LI

SWORN TO AND SUBSCRIBED TO
BEFORE ME this 20 day of

February, 2013.

Esther Ann Gourley
Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Esther Ann Gourley, Notary Public

Harmar Twp., Allegheny County

My Commission Expires Dec. 28, 2013

Member, Pennsylvania Association of Notaries

JAMES C. WATSON

SWORN TO AND SUBSCRIBED TO
BEFORE ME this ____ day of

_____, 2013.

Notary Public

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.

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HONG LI

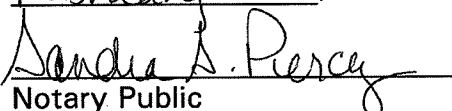
SWORN TO AND SUBSCRIBED TO
BEFORE ME this ____ day of
_____, 2013.

Notary Public

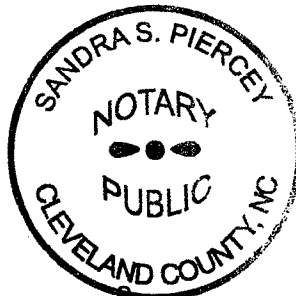


JAMES C. WATSON

SWORN TO AND SUBSCRIBED TO
BEFORE ME this 20th day of
February, 2013.



Notary Public



my commission expires: May 22, 2016

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