

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Robert W. Walters</td> <td>05/13/2013</td> </tr> <tr> <td>Robert H. Tang</td> <td>05/13/2013</td> </tr> <tr> <td>Kevin W. Seybert</td> <td>05/13/2013</td> </tr> <tr> <td>Forrest R. Blackburn</td> <td>05/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Robert W. Walters	05/13/2013	Robert H. Tang	05/13/2013	Kevin W. Seybert	05/13/2013	Forrest R. Blackburn	05/13/2013
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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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CORRESPONDENCE DATA											
<p>Fax Number: 4124344292 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412-434-2918 Email: altman@ppg.com</p> <p>Correspondent Name: PPG INDUSTRIES INC INTELLECTUAL PROPERTY Address Line 1: ONE PPG PLACE Address Line 2: LAW DEPARTMENT Address Line 4: PITTSBURGH, PENNSYLVANIA 15272-0001</p>											
ATTORNEY DOCKET NUMBER:	10007307A1										
NAME OF SUBMITTER:	Deborah M. Altman										
Signature:	/Deborah M. Altman/										

PATENT

Date:

05/22/2013

Total Attachments: 6

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ASSIGNMENT

IN CONSIDERATION of good and valuable considerations received from **PPG INDUSTRIES OHIO, INC.**, a Delaware corporation, 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</u>
Robert W. Walters	Export	Westmoreland	Pennsylvania
Robert H. Tang	Murrysville	Westmoreland	Pennsylvania
Kevin W. Seybert	Pittsburgh	Allegheny	Pennsylvania
Forrest R. Blackburn	Monroeville	Allegheny	Pennsylvania

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

AN OPTICAL MECHANISM WITH INDEXING STAGE WITH AT LEAST ONE FIXED DIAMETER APODIZED APERTURE AND METHOD OF MAKING SAME

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

Robert W. Walters on May 13, 2013,
Robert H. Tang on May 13, 2013,
Kevin W. Seybert on May 13, 2013 and
Forrest R. Blackburn on May 13, 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 by us.

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.

Robert W. Walters
ROBERT W. WALTERS

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SS

Dennis Louise Grier
Notary Public

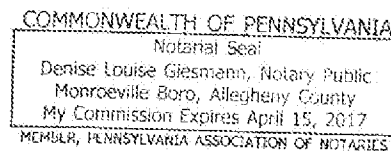
COMMONWEALTH OF PENNSYLVANIA
Notarial Seal:
Denise Louise Giesmarin, Notary Public
Monroeville Boro, Allegheny County
My Commission Expires April 15, 2017
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

ROBERT H. TANG

COMMONWEALTH OF PENNSYLVANIA

On this 13th day of May 2013, appeared before me in person the above **ROBERT H. TANG** and acknowledged the above to be his signature, and that he signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.

Notary Public

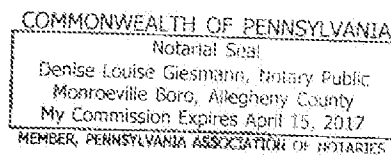


KEVIN W. SEYBERT

COMMONWEALTH OF PENNSYLVANIA

On this 13th day of May 2013 appeared before me in person the above **KEVIN W. SEYBERT** and acknowledged the above to be his signature, and that he signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.

Notary Public



Forrest R. Blackburn

FORREST R. BLACKBURN

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF ALLEGHENY

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SS

On this 13th day of May 2013, appeared before me in person the above **FORREST R. BLACKBURN** and acknowledged the above to be his signature, and that he signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.

Denise Louise Giesmann
Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Denise Louise Giesmann, Notary Public

Monroeville Boro, Allegheny County

My Commission Expires April 15, 2017

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES