

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
CONVEYING PARTY DATA																							
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<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																							
Fax Number:	4124344292																						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																							
Phone:	4124342922																						
Email:	altman@ppg.com																						
Correspondent Name:	PPG Industries, Inc.																						
Address Line 1:	One PPG Place - 39th Floor																						

CH \$40.00 13587284

Address Line 2: Law Department
Address Line 4: Pittsburgh, PENNSYLVANIA 15272-0001

ATTORNEY DOCKET NUMBER: 09006881A2

NAME OF SUBMITTER: Deborah M. Altman

Total Attachments: 12

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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>
Forrest R. Blackburn	Monroeville	Allegheny	Pennsylvania
Jonathan Bork	Hudson	Hudson	Ohio
John A. Charny	Richmond Heights	Cuyahoga	Ohio
Stefan C. Dehaseth	University Heights	Cuyahoga	Ohio
Peter C. Foller	Richmond	Contra Costa	California
Andrew J. Lamb	Seven Hills	Cuyahoga	Ohio
Kevin W. Seybert	Pittsburgh	Allegheny	Pennsylvania
Michael A. Steimle	Chesterland	Geauga	Ohio
Robert H. Tang	Murrysville	Westmoreland	Pennsylvania
Robert W. Walters	Export	Westmoreland	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:

METHOD OF MAKING AN OPTICAL ELEMENT HAVING AN ELECTROCHROMIC APODIZED APERTURE

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

Forrest R. Blackburn on October 5, 2012,

Jonathan Bork on October 4, 2012, *JB*

John A. Charny on October 7, 2012, *JAC*

Stefan C. Dehaseth on October 4, 2012, *SD*

Peter C. Foller on October 5, 2012,

Andrew J. Lamb on October 4, 2012, *AJ Lamb*

Kevin W. Seybert on October 8, 2012,

Michael A. Steimle on October 4, 2012, *MS*

Robert H. Tang on October 5, 2012 and

Robert W. Walters on October 5, 2012.

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.

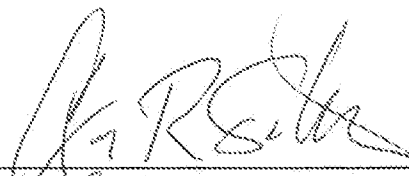
AND WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, or resulting from said application, or from any division, reissue, or extension thereof, to **PPG INDUSTRIES OHIO, INC.**, as sole assignee.

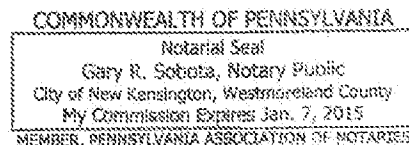
IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals.


FORREST R. BLACKBURN

COMMONWEALTH OF PENNSYLVANIA)
)
COUNTY OF ALLEGHENY) ss

On this 5th day of October, 2012, 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.


Notary Public

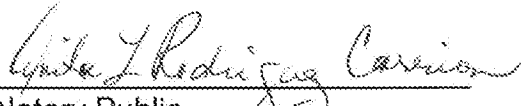




JONATHAN BORK

STATE OF OHIO)
)
COUNTY OF CUYAHOGA) ss

On this 4th day of October, 2012, appeared before me in person the above **JONATHAN BORK** 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
Commission Expires 10-26-2014

John A. Charny
JOHN A. CHARNY

STATE OF OHIO)
) ss
COUNTY OF CUYAHOGA)

On this 4th day of October, 2012, appeared before me in person the above **JOHN A. CHARNY** 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.

Susan K. Mansfield
Notary Public



Susan K. Mansfield
Notary Public, State of Ohio
My Commission Expires 11/24/2012


STEFAN C. DEHASETH

STATE OF OHIO)
) ss
COUNTY OF CUYAHOGA)

On this 4th day of October, 2012, appeared before me in person the above **STEFAN C. DEHASETH** 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



Susan K. Mansfield
Notary Public, State of Ohio
My Commission Expires 11/24/2012

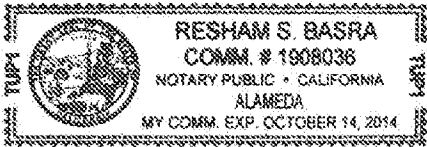
PETER C. FOLLER

STATE OF CALIFORNIA


Agreed
COUNTY OF CONTRA COSTA

55

On this 5th day of October, 2012, appeared before me in person the **PETER C. FOLLER** 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


ANDREW J. LAMB

STATE OF OHIO)
)
COUNTY OF CUYAHOGA) ss

On this 4th day of October, 2012, appeared before me in person the above **ANDREW J. LAMB** 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



Susan K. Mansfield
Notary Public, State of Ohio
My Commission Expires 11/24/2012

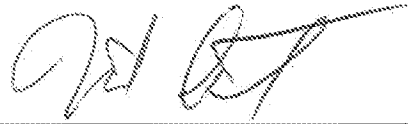
~~KEVIN W. SEYBERT~~

COMMONWEALTH OF PENNSYLVANIA)
)
COUNTY OF ALLEGHENY)

On this 8th day of October, 2012, 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

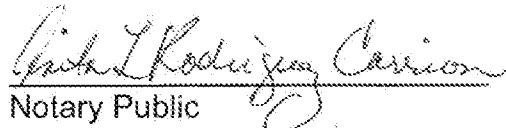
COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Gary R. Sobota, Notary Public
City of New Kensington, Westmoreland County
My Commission Expires Jan. 7, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES




MICHAEL A. STEIMLE

STATE OF OHIO)
) ss
COUNTY OF CUYAHOGA)

On this 4th day of October, 2012, appeared before me in person the above **MICHAEL A. STEIMLE** 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.

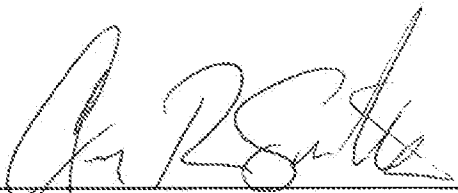

Notary Public

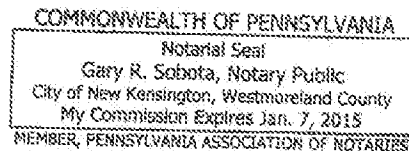
Commission Expires 10-26-2014


ROBERT H. TANG

COMMONWEALTH OF PENNSYLVANIA)
)
COUNTY OF ALLEGHENY) ss

On this 5th day of October, 2012, 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




ROBERT W. WALTERS

COMMONWEALTH OF PENNSYLVANIA)
) ss
COUNTY OF ALLEGHENY)

On this 5th day of October, 2012, appeared before me in person the above **ROBERT W. WALTERS** 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

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Gary R. Sobota, Notary Public
City of New Kensington, Westmoreland County
My Commission Expires Jan. 7, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES