

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>Kevin J. Matjasko</td> <td>08/14/2012</td> </tr> <tr> <td>Frank J. Triggiani</td> <td>08/14/2012</td> </tr> <tr> <td>Srinivasa G. Narasimhan</td> <td>08/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kevin J. Matjasko	08/14/2012	Frank J. Triggiani	08/14/2012	Srinivasa G. Narasimhan	08/23/2012
Name	Execution Date								
Kevin J. Matjasko	08/14/2012								
Frank J. Triggiani	08/14/2012								
Srinivasa G. Narasimhan	08/23/2012								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13572065</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13572065				
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Application Number:	13572065								
CORRESPONDENCE DATA									
Fax Number:	4124344292								
Phone:	412-434-2918								
Email:	ccalderone@ppg.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	PPG INDUSTRIES INC INTELLECTUAL PROPERTY								
Address Line 1:	ONE PPG PLACE								
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15272								
ATTORNEY DOCKET NUMBER:	12008585A1								
NAME OF SUBMITTER:	Andrew C. Siminerio								
<p>Total Attachments: 4 source=12008585A1_Assignment#page1.tif source=12008585A1_Assignment#page2.tif source=12008585A1_Assignment#page3.tif source=12008585A1_Assignment#page4.tif</p>									

CH \$40.00 13572065

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>
Kevin J. Matjasko	Freeport	Butler	Pennsylvania
Frank J. Triggiani	Pittsburgh	Allegheny	Pennsylvania
Srinivasa G. Narasimhan	McDonald	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 of improvements in

SYSTEM AND METHOD FOR VISUALIZING AN OBJECT IN A SIMULATED ENVIRONMENT

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

Kevin J. Matjasko, on the 14th day of August, 2012;
 Frank J. Triggiani, on the 14th day of August, 2012; and
 Srinivasa G. Narasimhan, on the 23 day of AUGUST, 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.

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.

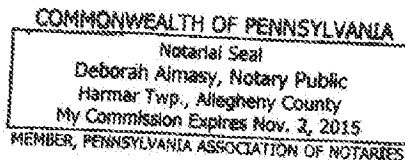
IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals.

Kevin J. Matjasko
KEVIN J. MATJASKO

STATE OF *Pennsylvania*)
County of *Allegheny*) SS

On this *14th* day of *August*, 2012 appeared before me in person the above KEVIN J. MATJASKO, and acknowledged the above to be his/her signature, and that s/he signed, sealed and delivered the above instrument as his/her voluntary act and deed and for the purposes herein set forth.

Deborah Almasy
Notary Public



Frank J. Triggiani
FRANK J. TRIGGIANI

STATE OF Pennsylvania)
County of Allegheny)SS

On this 14th day of August, 2012 appeared before me in person the above FRANK J. TRIGGIANI, and acknowledged the above to be his/her signature, and that s/he signed, sealed and delivered the above instrument as his/her voluntary act and deed and for the purposes herein set forth.

Deborah Almasy
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Deborah Almasy, Notary Public
Harmar Twp., Allegheny County
My Commission Expires Nov. 3, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

