

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Sean Purdy		06/25/2008
Michael A. Zalich		06/26/2008
RECEIVING PARTY DATA		
Name:	PPG INDUSTRIES OHIO, INC.	
Street Address:	One PPG Place - 39th Floor	
City:	Pittsburgh	
State/Country:	PENNSYLVANIA	
Postal Code:	15272	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12142880	
CORRESPONDENCE DATA		
Fax Number:	(412)434-4292	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	412-434-2918	
Email:	schreck@ppg.com	
Correspondent Name:	PPG Industries, Inc.	
Address Line 1:	One PPG Place - 39th Floor	
Address Line 4:	Pittsburgh, PENNSYLVANIA 15272	
ATTORNEY DOCKET NUMBER:	06004572A1GC	
NAME OF SUBMITTER:	Diane R. Meyers	
Total Attachments: 3 source=06004572A1GC_Assignment#page1.tif source=06004572A1GC_Assignment#page2.tif source=06004572A1GC_Assignment#page3.tif		

CH 12142880 \$40.00

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PATENT
REEL: 021335 FRAME: 0847

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>
Sean Purdy	Cincinnati	Hamilton	Ohio/USA
Michael A. Zalich	Pittsburgh	Allegheny	Pennsylvania/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

MULTI-LAYERED COMPOSITE CRYSTALLINE COLLOIDAL ARRAY FILMS

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

Sean Purdy, on the 25th day of June, 2008,
Michael A. Zalich, on the 26th day of June, 2008,

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.

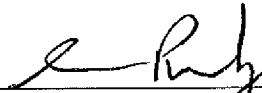
AND WE HEREBY AUTHORIZE **PPG INDUSTRIES OHIO, INC.**, to make application for and to receive Letters Patent for said invention in any or all foreign countries in its own name, or in any name, at its election.

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.



SEAN PURDY

On this 25TH day of JUNE, 2008, appeared before me in person the above **SEAN PURDY**, 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.



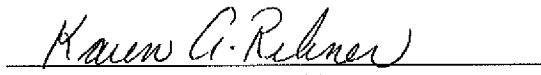
Notary Public



Dale W. Blewett
Notary Public, State of Ohio
My Commission Expires 04-23-2012


MICHAEL A. ZALICH

On this 26th day of June, 2008, appeared before me
in person the above **MICHAEL A. ZALICH**, 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
Karen A. Rehner, Notary Public
Hampton Twp., Allegheny County
My Commission Expires Nov. 17, 2011
Member, Pennsylvania Association of Notaries