

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>James L. Boyer</td> <td>06/14/2010</td> </tr> <tr> <td>Christine Gardner</td> <td>06/14/2010</td> </tr> <tr> <td>Carol L. Knox</td> <td>06/14/2010</td> </tr> <tr> <td>Luciano M. Parrinello</td> <td>06/14/2010</td> </tr> <tr> <td>Robert Swisher</td> <td>06/16/2010</td> </tr> </tbody> </table>		Name	Execution Date	James L. Boyer	06/14/2010	Christine Gardner	06/14/2010	Carol L. Knox	06/14/2010	Luciano M. Parrinello	06/14/2010	Robert Swisher	06/16/2010
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CORRESPONDENCE DATA													
<p>Fax Number: (412)434-4292 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4124342922</p> <p>Email: altman@ppg.com</p> <p>Correspondent Name: PPG INDUSTRIES INC.</p> <p>Address Line 1: ONE PPG PLACE - 39th Floor</p> <p>Address Line 2: LAW DEPARTMENT - INTELLECTUAL PROPERTY</p> <p>Address Line 4: Pittsburgh, PENNSYLVANIA 15272-0001</p>													
ATTORNEY DOCKET NUMBER:	09006999A1												
NAME OF SUBMITTER:	Deborah M. Altman												

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PATENT
REEL: 024595 FRAME: 0630

Total Attachments: 7

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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>
James L. Boyer	Monroeville	Allegheny	Pennsylvania
Christine Gardner	Irwin	Westmoreland	Pennsylvania
Carol L. Knox	Monroeville	Allegheny	Pennsylvania
Luciano M. Parrinello	Allison Park	Allegheny	Pennsylvania
Robert Swisher	Pittsburgh	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:

MICROPOROUS MATERIAL

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


James L. Boyer on June 14, 2010,
Christine Gardner on June 14, 2010,
Carol L. Knox on June 14, 2010,
Luciano M. Parrinello on June 14, 2010 and
Robert Swisher on June 16, 2010

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.


JAMES L. BOYER

$$\begin{pmatrix}) \\) \\) \end{pmatrix} \quad \text{SS}$$

Helen E. Bollinger
Notary Public

PATENT
REEL: 024595 FRAME: 0634

CHRISTINE GARDNER

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CHRISTINE GARDNER

Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Helen E. Bollinger, Notary Public
Monroeville Boro, Allegheny County
My Commission Expires Jan. 6, 2011

Member, Pennsylvania Association of Notaries

Carl K. H.

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On this 14th day

Allen E. Bollinger
Notary Public

Notarial Seal
Helen E. Bollinger, Notary Public
Monroeville Boro, Allegheny County
My Commission Expires Jan. 6, 2011

Member, Pennsylvania Association of Notaries

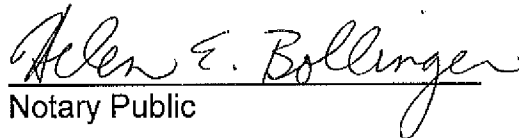

LUCIANO M. PARRINELLO

COMMONWEALTH OF PENNSYLVANIA


COUNTY OF ALLEGHENY

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) ss

On this 14th day of June 2010, appeared before me in person the above **LUCIANO M. PARRINELLO** 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
Helen E. Bollinger, Notary Public
Monroeville Boro, Allegheny County
My Commission Expires Jan. 6, 2011
Member, Pennsylvania Association of Notaries


ROBERT SWISHER

COMMONWEALTH OF PENNSYLVANIA

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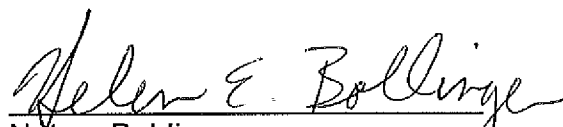
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COUNTY OF ALLEGHENY

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On this 16th day of June 2010, appeared before me in person the above
ROBERT SWISHER 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

Helen E. Bollinger, Notary Public
Monroeville Boro, Allegheny County
My Commission Expires Jan. 6, 2011

Member, Pennsylvania Association of Notaries