**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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</thead>
<tbody>
<tr>
<td>W. DAVID POLK</td>
<td>01/16/2009</td>
</tr>
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### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>PPG INDUSTRIES OHIO, INC.</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
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**PROPERTY NUMBERS** Total: 1

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<tr>
<th>Property Type</th>
<th>Number</th>
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<tbody>
<tr>
<td>Application Number</td>
<td>12606652</td>
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### CORRESPONDENCE DATA

Fax Number: (412)355-6501  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

Phone: 412-355-6323  
Email: piuspatents@klgates.com  
Correspondent Name: K&L GATES LLP - WILLIAM E. KUSS  
Address Line 1: 210 SIXTH AVENUE  
Address Line 2: K&L GATES CENTER  
Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

**ATTORNEY DOCKET NUMBER:** 07004887C1  
**NAME OF SUBMITTER:** WILLIAM E. KUSS  
**SIGNATURE:** /William E. Kuss/  
**DATE SIGNED:** 01/07/2015

**Total Attachments:** 2  
source=1-7-2015-Assignment#page1.tif  
source=1-7-2015-Assignment#page2.tif
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, I,

<table>
<thead>
<tr>
<th>NAME</th>
<th>CITY</th>
<th>COUNTY</th>
<th>STATE/COUNTRY</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. DAVID POLK</td>
<td>Pittsburgh</td>
<td>Allegheny</td>
<td>Pennsylvania</td>
</tr>
</tbody>
</table>

do hereby sell, assign and set over unto PPG INDUSTRIES OHIO, INC., the entire right, title

and interest in and to my invention of improvements in

AQUEOUS DISPERSIONS OF POLYMER-ENCLOSED PARTICLES,
RELATED COATING COMPOSITIONS AND COATED SUBSTRATES

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

W. DAVID POLK, on the __th __ day of ___, 2009,

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 me if this assignment and sale had not been made.

AND I 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 I HEREBY COVENANT AND AGREE that I will execute or procure any further

necessary assurance of the title to said invention and Letters Patent; and that I 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 I 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 I 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, I have hereunto set my hand and affixed my seal.

W. DAVID POLK

COMMONWEALTH OF PENNSYLVANIA )
) SS
County of Allegheny )

On this 16th day of January, 2009 appeared before me in person the above W. DAVID POLK, and acknowledged the above to be his/her signature, and that he/she signed, sealed and delivered the above instrument as his/her voluntary act and deed and for the purposes herein set forth.

Karen A. Rhiner
Notary Public