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To the Director of the United States Patent and Tra

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original documents or copy thereof.

1. Name of conveying party(ies):

**Kwaku K. Koram
Allen R. Hawk
Shelby Chun**

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **November 19, 2004**

2. Name and address of receiving party(ies):

Name: **PPG Industries Ohio, Inc.**

Internal Address:

Street Address: **3800 West 143rd Street**City: **Cleveland** State: **OH** ZIP: **44111**Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

10/963,172Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Andrew C. Siminerio**Internal Address: **Law Department, Intellectual Property****02/10/2005 BT011 00000118 162025 10963172****01 FC:8021 40.00 DA**Street Address: **One PPG Place**City: **Pittsburgh** State: **PA** ZIP: **15272**

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ **40.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

16-2025

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***Andrew C. Siminerio**

Name of Person Signing

Signature

February 2, 2005

Date

Total number of pages including cover sheet, attachments, and document:

4

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

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**PATENT
REEL: 016232 FRAME: 0549**

ASSIGNMENT

IN CONSIDERATION of good and valuable considerations received from PPG INDUSTRIES OHIO, INC., a corporation of Delaware, having a place of business at Pittsburgh, Pennsylvania, and intending to be legally bound hereby, we, Kwaku K. Koram of Wexford, County of Allegheny and Commonwealth of Pennsylvania; Allen R. Hawk of Pittsburgh of Freeport, County of Armstrong and Commonwealth of Pennsylvania and Shelby Chun of Bethel Park, County of Allegheny and Commonwealth of 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

WINDSHIELD MOISTURE DETECTOR

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

Kwaku K. Koram on the 19th day of November, 2004,
Allen R. Hawk on the 19th day of November, 2004, and
Shelby Chun on the 19th day of November, 2004,

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.

Kwaku K. Koram.

KWAKU K. KORAM

COMMONWEALTH OF PENNSYLVANIA)

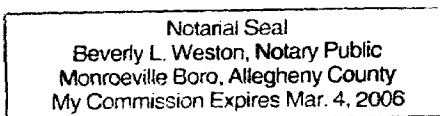
) SS

County of Allegheny)

On this 19th day of NOVEMBER, 2004,

appeared before me in person the above Kwaku K. Koram 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.

Beverly L. Weston
Notary Public



Member, Pennsylvania Association Of Notaries

Allen R Hawk

ALLEN R. HAWK

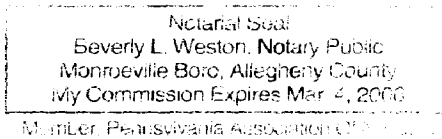
COMMONWEALTH OF PENNSYLVANIA)

) SS

County of Allegheny)

On this 19th day of NOVEMBER, 2004,
appeared before me in person the above Allen R. Hawk 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.

Beverly L Weston
Notary Public



Shelby Chun

SHELBY CHUN

COMMONWEALTH OF PENNSYLVANIA)

) SS

County of Allegheny)

On this 19th day of NOVEMBER, 2004,
appeared before me in person the above Shelby Chun 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.

Beverly L Weston
Notary Public

