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ssioner of Pate

 Name of conveying party(ies): Donaldson J. Emch

Additional name(s) of conveying party(ies) attached? YES X NO

08-20-1999

101122417 and address of receiving party(ies):

PPG Industries Ohio, Inc. 3800 West 143rd Street Cleveland, OH 44111

Additional name(s) and address(es)

Attached? YES X NO

3. Nature of conveyance

X ASSIGNMENT

MERGER

SECURITY AGREEMENT

CHANGE OF NAME

EXECUTION DATE OF ASSIGNMENT: August 9, 1999

4. Application number(s):

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

A. Patent Application No.(s)

Serial No. **09/320,264**

Filed May 26, 1999

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

PPG Industries, Inc. Intellectual Property Department One PPG Place Pittsburgh, PA 15272

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

| X | Authorized to be charged to Deposit Account 16-2025

8. Deposit Account Number: 16-2025

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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.

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August 16, 1999

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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, DONALDSON J. EMCH of Brighton, County of Livingston, and State of Michigan, 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

MULTI-STAGE PROCESSES FOR COATING SUBSTRATES WITH LIQUID BASECOAT AND POWDER TOPCOAT

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

PATENT REEL: 010169 FRAME: 0022 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 hands and affixed my seal.

DONALDSON J. EMCH

STATE OF MICHIGAN

County of ,

SS

On this _______ day of _______, 1999, appeared before me in person the above **DONALDSON J. EMCH** 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

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