

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03

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ginal documents or copy thereof.

1. Name of conveying party(ies):
William C. Allison, Robert G. Swisher and Alan E. Wang
10-27-03

Additional names(s) of conveying party(ies) Yes No

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

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3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **September 22, 2003**

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) **10/664,860** September 22, 2003

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: **Carol A. Marmo, Esquire**

Internal Address: **Law-Intellectual Property Department,**
39th Floor

Street Address: **One PPG Place**

10/30/2003 ECOOPER 00000174 162025 10664860
01 FC:8021 40.00 DA
City: **Pittsburgh** State: **PA** ZIP: **15272**

6. Total number of applications and patents involved: **1**

7. 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.

Carol A. Marmo *Carol A Marmo* **October 23, 2003**

Name of Person Signing Signature **5** Date

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

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

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 014636 FRAME: 0901

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, **William C. Allison** of Murrysville, County of Westmoreland and State of Pennsylvania, **Robert G. Swisher** of Pittsburgh, County of Allegheny, and State of Pennsylvania, and **Alan E. Wang** of Gibsonia, County of Allegheny, and State 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 entitled

POLISHING PAD FOR PLANARIZATION

as set forth in our application for Letters Patent of the United States of America, executed by **William C. Allison** on the 22nd day of September, 2003, **Robert G. Swisher** on the 22nd day of September, 2003 and by **Alan E. Wang** on the 22nd day of September, 2003 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.

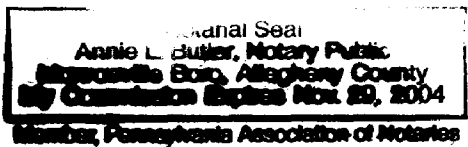
IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals.

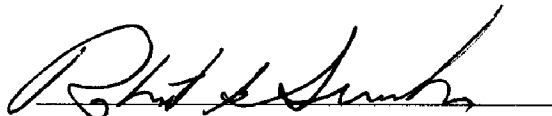

WILLIAM C. ALLISON

STATE OF PENNSYLVANIA)
) ss
COUNTY OF ALLEGHENY)

On this 22 day of September, 2003, appeared before me in person the above WILLIAM C. ALLISON 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




ROBERT G. SWISHER

STATE OF PENNSYLVANIA)
) ss
COUNTY OF ALLEGHENY)

On this 22 day of September 2003, appeared before me in person the above ROBERT G. 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

Notarial Seal
Annie L. Butler, Notary Public
Martinsville Boro, Allegheny County
My Commission Expires Nov. 29, 2004
Member, Pennsylvania Association of Notaries

Alan E Wang
ALAN E. WANG

STATE OF PENNSYLVANIA)
) ss
COUNTY OF ALLEGHENY)

On this 22 day of September 2003, appeared before me in person the above ALAN E. WANG 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.

Annie L Butler
Notary Public

