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Docket No.: 1798A1

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



102341141

COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Charles S. Voeltzel

1-14-03

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: November 11, 2002

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: November 11, 2002

A. Patent Application No.(s)

10/264,106

B. Patent No.(s)

Additional numbers attached?  Yes  No

OFFICE OF PUBLIC RECORDS  
2003 JAN 14 AM 9:4  
FINANCE SECTION

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

Name: PPG INDUSTRIES, INC.

Internal Address: Intellectual Property Dept.

01/16/2003 TDIAZI 00000186 162025 10264106

01 FC:8021 40.00 CH

Street Address: One PPG Place

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)

DO NOT USE THIS SPACE

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

January 9, 2003

Name of Person Signing

Signature

3

Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 013659 FRAME: 0649

**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, I, Charles S. Voeltzel of New Kensington, 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 my invention of improvements in

**HEATABLE ARTICLE HAVING A CONFIGURED HEATING MEMBER**

as set forth in my application for Letters Patent of the United States of America, executed by Charles S. Voeltzel on the 11<sup>th</sup> day of NOVEMBER, 2002, 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.

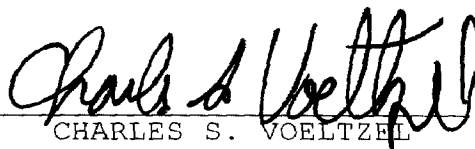
AND I HEREBY AUTHORIZE PPG INDUSTRIES OHIO, INC., to make application for and to receive Letters Patent for said invention in any or all foreign countries in its own name, or in any name, at its election.

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.

  
CHARLES S. VOELTZEL

COMMONWEALTH OF PENNSYLVANIA) ) SS  
County of Allegheny ) )

On this 11<sup>th</sup> day of November, 2002, appeared before me in person the above Charles S. Voeltzel 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**  
**Kenneth V. Shoop, Notary Public**  
**Hammer Twp., Allegheny County**  
**My Commission Expires Feb. 16, 2006**  
Member, Pennsylvania Association of Notaries

Andrew C. Siminerio, Esq.  
PPG INDUSTRIES, INC.  
One PPG Place  
Pittsburgh, PA 15272