

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| | |
|--|------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| James P. Thiel | 06/19/2007 |
| RECEIVING PARTY DATA | |
| Name: | PPG INDUSTRIES OHIO, INC. |
| Street Address: | 3800 West 143rd Street |
| City: | Cleveland |
| State/Country: | OHIO |
| Postal Code: | 44111 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11746266 |
| CORRESPONDENCE DATA | |
| Fax Number: | (412)434-4292 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 412-434-4645 |
| Email: | sadams@ppg.com |
| Correspondent Name: | Andrew C. Siminerio |
| Address Line 1: | One PPG Place |
| Address Line 2: | Intellectual Property Dept. - 39 W |
| Address Line 4: | Pittsburgh, PENNSYLVANIA 15272 |
| ATTORNEY DOCKET NUMBER: | 2209A1 |
| NAME OF SUBMITTER: | Andrew C. Siminerio |
| Total Attachments: 2 source=2209A1_Assignment#page1.tif source=2209A1_Assignment#page2.tif | |

CH \$40.00 11746266

500316604

PATENT
REEL: 019569 FRAME: 0609

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, JAMES P. THIEL of the City of Pittsburgh, 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

VEHICLE TRANSPARENCY HEATED WITH ALTERNATING CURRENT

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

James P. Thiel on the 19 day of June, 2007,

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.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal.

James P. Thiel
JAMES P. THIEL

COMMONWEALTH OF PENNSYLVANIA)
) SS
County of Allegheny)

On this 19th day of June, 2007, appeared before me in person the above JAMES P. THIEL 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.

Esther Ann Gaudy
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Esther Ann Gourley, Notary Public
Harmar Twp., Allegheny County
My Commission Expires Dec. 28, 2009
Member, Pennsylvania Association of Notarials