

4/1/04

01-05-2004

Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)



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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):

Eric K. Walton
Charles Voeltzel

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: The Ohio State University

Internal Address:

Street Address: 1960 Kenny Road

City: Columbus State: OH Zip: 43210-1063

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: 01/03/2003 & 01/08/2003

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

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

A. Patent Application No.(s) 10/310,643

B. Patent No.(s) -----

Additional numbers attached? No

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

Name: Jeffrey S. Standley

Internal Address:

Street Address: Standley Law Group LLP,

495 Metro Place South, Suite 210

City: Dublin State: Ohio Zip: 43017

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

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01 FC: 0021 Jeffrey C. Norris 40.00 DP

Name of Person Signing

Jeffrey C. Norris
Signature

March 10, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:
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P.O. Box 1450, Alexandria, VA 22313-1450.

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RECORDATION FORM COVER SHEET
FORM PTO-1595

2. Name and address of receiving party(ies)

Name: PPG Industries, Inc.

Street Address: One PPG Place, Pittsburgh, Pennsylvania 15272

03-27-2003

Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)



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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):

Eric K. Walton
Charles Voeltzel

3.76.03

2. Name and address of receiving party(ies)

Name: The Ohio State University

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: 1960 Kenny Road

City: Columbus State: OH Zip: 43210-1063

Execution Date: 01/03/2003 & 01/08/2003

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A. Patent Application No.(s) 10/310,643

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Roger A. Gilcrest

Internal Address:

Street Address: Standley & Gilcrest LLP,

495 Metro Place South, Suite 210

City: Dublin State: Ohio Zip: 43017

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

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Roger A. Gilcrest
Name of Person Signing

Signature

March 13, 2003
Date

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Washington, D.C. 20231

PATENT
REEL: 015161 FRAME: 0329

ASSIGNMENT

This assignment is made by Eric K. Walton residing at 2290 Walhaven Court, City of Columbus, State of Ohio 43220 and Charles Voeltzel, residing at 172
Dinwiddie Drive, City of New Kensington State of PA [zip code] 15068
("ASSIGNORS") to The Ohio State University, a non-profit organization of the State of Ohio having an office at 1960 Kenny Road, City of Columbus, State of Ohio 43210-1063 and PPG Industries, Inc., a corporation organized under the laws of the State of Pennsylvania, having an office at One PPG Place, Pittsburgh, Pennsylvania 15272 ("ASSIGNEES").

FOR ONE U.S. DOLLAR (\$1.00) AND FOR OTHER GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, ASSIGNORS do hereby sell, assign and transfer to ASSIGNEES their entire right, title and interest, together with all rights of priority, in and to the invention entitled SIDELOBE CONTROLLED RADIO TRANSMISSION REGION IN METALLIC PANEL, Serial No. 10/310,643 as described and/or claimed in the application for patent in the United States of America. (If said number is not herein written, ASSIGNORS authorize said number to be supplied hereafter). ASSIGNORS further do hereby sell, assign and transfer to ASSIGNEES the entire right, title and interest, together with all rights of priority, in and to ASSIGNORS' invention as described and/or claimed in any and all applications for patents based on this invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

ASSIGNORS HEREBY AUTHORIZE ASSIGNEES to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in ASSIGNEES' names.

ASSIGNORS HEREBY PROMISE AND AGREE that ASSIGNORS will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. ASSIGNORS will, at any time, upon the request and without further consideration, but at the expense of ASSIGNEES, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, in ASSIGNEES, their successors, assigns, or other

legal representatives. ASSIGNORS will, at any time, upon the request and at the expense of ASSIGNEES, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to ASSIGNEES. ASSIGNORS will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of ASSIGNEES, their successors, assigns or other legal representatives.

ASSIGNORS HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the ASSIGNEES.

Eric K. Walton
Eric K. Walton, ASSIGNOR

STATE OF Ohio
COUNTY OF Franklin

:
: SS: 136 36 1099

Before me personally appeared Eric K. Walton, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 8 day of ~~December~~ January, 2003 *real*, 2002.

Edna A. Lewis
Notary Public *my commission expires 5-30-2004*

Charles S. Voeltzel
Charles S. Voeltzel, ASSIGNOR

STATE OF State of Ohio
COUNTY OF Franklin

:
: SS:

Before me personally appeared Charles S. Voeltzel, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 8 day of ~~December~~ January, 2003 *real*, 2002.

Edna A. Lewis
Notary Public *my commission expires 5-30-2004*