

md 3-15-99

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

03-18-1999

U.S. Department of Commerce
Patent and Trademark Office
PATENT



100985883

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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☒ New

☐ Resubmission (Non-Recordation)
Document ID#

☐ Correction of PTO Error
Reel # Frame #

☐ Corrective Document
Reel # Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

U.S. Government
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☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name	Execution Date Month Day Year
Name (line 1) <input type="text" value="Bayer Corporation"/>	<input type="text" value="03-04-1999"/>
Name (line 2) <input type="text"/>	

Second Party

Name	Execution Date Month Day Year
Name (line 1) <input type="text"/>	<input type="text"/>
Name (line 2) <input type="text"/>	

Receiving Party

☐ Mark if additional names of receiving parties attached

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1) <input type="text" value="Pemco Corporation"/>		
Name (line 2) <input type="text"/>		
Address (line 1) <input type="text" value="5601 Eastern Avenue"/>		
Address (line 2) <input type="text"/>		
Address (line 3) <input type="text" value="Baltimore"/>	<input type="text" value="Maryland"/>	<input type="text" value="21224-2791"/>
	City	State/Country
		Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name <input type="text"/>
Address (line 1) <input type="text"/>
Address (line 2) <input type="text"/>
Address (line 3) <input type="text"/>
Address (line 4) <input type="text"/>

03/16/1999 JSHABAZZ 00000251 08644674

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see OK

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

PATENT
REEL: 9808 FRAME: 0772

Correspondent Name and Address

Area Code and Telephone Number

202-962-4800

Name Ashley J. Wells

Address (line 1) Venable, Baetjer, Howard & Civiletti, LLP

Address (line 2) P.O. Box 34385

Address (line 3)

Address (line 4) Washington, DC 20043-9998

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

8

Application Number(s) or Patent Number(s)

☒ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

08/644,674

Patent Number(s)

4,204,864

4,205,996

4,235,632

4,312,951

4,317,683

4,340,645

4,376,169

4,388,118

5,198,393

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

13

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 520.00

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

19-3700

Authorization to charge additional fees:


Yes ☒ No ☐

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. Charges to deposit account are authorized, as indicated herein.

Ashley J. Wells

Name of Person Signing


Signature
Reg. No. 29,842

03-15-1999

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>

Patent Number(s)

5,264,287	5,382,552	5,512,521
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

This **General Assignment Of Patents And Patent Applications** from Bayer Corporation, an Indiana corporation ("BAYER"), to Pemco Corporation, a Maryland corporation "PEMCO"), is effective September 30, 1997 "Effective Date").

WHEREAS, pursuant to the "Sale and Purchase Agreement" between Bayer AG, acting in its own name and also for and on behalf of its subsidiary companies Bayer Verwaltungsgesellschaft für Anlagevermögen mbH, Bayer Hispania Industrial, S.A., Bayer Gesellschaft für Beteiligungen mbH, and Bayer Corporation, also effective September 30, 1997, BAYER sold, assigned, transferred and conveyed to PEMCO the assets of its division Pemco for the Business Unit Enamel and Ceramics ("Business Unit Assets"); and

WHEREAS, such Business Unit Assets included, without limitation, all right, title and interest in and to the patents and patent applications listed in Exhibit A hereto.

NOW THEREFORE, for good and valuable consideration, the adequacy and receipt of which is hereby acknowledged by BAYER:

1. Assignment. BAYER by these presents does hereby grant, bargain, sell, convey, assign, transfer, set over and deliver to PEMCO, its successors and assigns, forever, its entire right, title and interest in and to the following:

(a) all patents and patent applications listed on Exhibit A hereto;

(b) all rights to any divisions, continuations, or reissues of, and all other rights, powers, privileges and interests of whatsoever nature, kind or description relating to the rights and interests referred to in paragraph (a) of this Section 1, including, without limitation, the right to sue and recover for past, present, and future infringement

2. Further Assurances. From after the Effective Date, upon the reasonable request of PEMCO, BAYER shall at PEMCO's expense [or "at a reasonable expense to be charged to PEMCO"] do, execute, acknowledge and deliver all such further acts, assurances, deeds, assignments, transfers, conveyances, powers of attorney, and other instruments and papers as may be required to sell, assign, transfer, convey and deliver to and vest in PEMCO and protect its right, title, and interest in any employment of all the rights and interest hereby assigned and transferred to PEMCO or intended so to be. The omission of any right relating to any patent or patent applications from the specific terms of this Assignment shall not be deemed to limit the assignment of such right pursuant to the said "Sale and Purchase Agreement".

3. Power of Attorney. BAYER hereby irrevocably constitutes and appoints Venable, Baetjer, Howard & Civiletti, L.L.P., James R. Burdett, Reg. No. 31,594, and their assigns, the true and lawful attorneys of BAYER, with full power of substitution, in the name of PEMCO or in the name of BAYER, but for the benefit and at the expense of PEMCO, to take any and all action which PEMCO may deem proper in order to fully vest in PEMCO the rights and interests hereby assigned and transferred to PEMCO or intended so to be. BAYER acknowledges that the foregoing powers are coupled with an interest.

4. Recordation. BAYER hereby irrevocably authorizes and requests the United States Commissioner of Patents and Trademarks and, as appropriate, those corresponding officials in the several states and countries throughout the world, and any other agency or authority having jurisdiction in these matters to record PEMCO as the owner of and/or to issue in accordance with this Assignment, the patents and patent applications which are assigned to PEMCO by this Assignment, and hereby irrevocably consents to the filing and recordation of this Assignment with the United States Commissioner of Patents and Trademarks and with such other officials, agencies, and authorities.

5. Successors and Assigns. This Assignment shall bind and inure to the benefit of the parties hereto and their respective successors and assigns.

6. Notices. Any notice, request or other document to be given hereunder to BAYER or PEMCO shall be in writing and sent by registered or certified mail, postage prepaid, if to PEMCO, addressed to:

John M. McMahon
President
Pemco Corporation
5601 Eastern Avenue
Baltimore, MD 21224-2791

with copy to:

Michael A. Baader
Venable, Baetjer and Howard, LLP
1800 Mercantile Bank & Trust Building
Two Hopkins Place
Baltimore, MD 21201-2978

and, if to BAYER, addressed to:

Richard E. L. Henderson
Associate Patent Counsel
Bayer Corporation
100 Bayer Road
Pittsburgh, PA 15205-9741

BAYER or PEMCO may change its address for receiving notices, requests and toehr documents by giving written notice of such change to the other.

7. Governing Law. This Assignment shall be governed and construed in accordance with the laws of the State of Maryland.

IN WITNESS WHEREOF, BAYER has caused this Assignment to be duly executed and its corporate seal to be affixed hereto.

BAYER CORPORATION

[CORPORATE SEAL]

Attest:

Barbara J. Hill
Title: Notary Public


By: Joseph C. Gil

Title: Vice President
Patents and Licensing
Chemical Divisions

Date: March 4, 1999

STATE OF Pennsylvania)
COUNTY OF Allegheny) SS.

On the 4th day of March, 1998, before
me personally came Joseph C. Gie, to me known, who
being duly sworn, did depose and say that he resides at United States
; that he is a Vice President of Bayer
Corporation, an Indiana corporation and the corporation described in and which executed
the above instrument; that the seal affixed to said instrument is such corporate seal; that it
was so affixed by authority of the Board of Directors of said corporation; and that he
signed his name thereto by like authority.

Barbara S. Hall

Notary Public

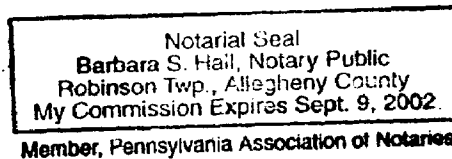


Exhibit AUnited States Patents

<u>Patent No.</u>	<u>Issued</u>	<u>Inventor(s)</u>	<u>Title:</u>	<u>Serial No.</u>	<u>Filed</u>
4,204,864	05/27/80	Charles M. Loane, Jr. and Martin L. Hoss	Flux for Continuous Casting of Steel	06/010,028	02/07/79
4,205,996	06/03/80	Richard A. Eppler	CoO Free Black Spinel Ceramic Pigment Containing NiO, Fe ₂ O ₃ , and Cr ₂ O ₃	06/033,440	04/26/79
4,235,632	11/25/80	Joseph F. Uher and Charles M. Loane, Jr.	Particulate Slagging Composition for the Extended Optimum Continuous Casting of Steel	06/026,925	04/04/79
4,312,951	01/26/82	Richard A. Eppler	Low-Melting, Lead-Free Ceramic Frits	06/073,609	09/07/79
4,317,683	03/02/82	Richard A. Eppler	Orange Pigments of Inverse Spinel Structure Produced by Co- Calcination of Compounds of Iron and Zinc With Compounds of Titanium, Tin and/or Silicon		
4,340,645	07/20/82	Eugene F. O'Connor	Leadless Glazes for Whiteware		
4,376,169	03/08/83	Richard A. Eppler	Low-Melting, Lead-Free Ceramic Frits		
4,388,118	06/14/83	Richard A. Eppler	Black Pigment Free of Heavy Metals		
5,198,393	03/30/93	Vernon J. Grebe, Elie E. Saad, Derek W. Sproson and Arthur C. Stidham	Rare Earth-Containing Frits Having a High Glass Transition Temperature and Their Use for the Production of Enamels Having Improved Heat Resistance	06/734,389	07/23/91
5,264,287	11/23/93	Vernon J. Grebe, Elie E. Saad, Derek W. Sproson and Arthur C. Stidham	Rare Earth-Containing Frits Having a High Glass Transition Temperature and Their Use for the Production of	07/988,056	12/09/92

Exhibit A

5,382,552	01/17/95	Elie E. Saad et al.	Enamels Having Improved Heat Resistance Rare Earth-Containing Alkali Silicate Frits and Their Use for the Preparation of Porcelain Enamel Coatings With Improved Cleanability	09/14/93	08/121,096
5,512,521	04/30/96	Dechun Fu and Vernon J. Grebe	Cobalt-Free, Black, Dual Purpose Porcelain Enamel Glass	08/401,597	03/09/95

United States Applications

-	-	Dechun Fu et al.	High Fluorine Frits for Continuous Casting of Metals	08/644,674	05/07/96
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Canadian Patents

<u>Patent No.</u>	<u>Issued</u>	<u>Inventor(s)</u>	<u>Title:</u>	<u>Serial No.</u>	<u>Filed</u>
1,118,962	03/02/82	Richard A. Eppler	CoO Free Black Spinel Ceramic Pigment Containing NiO, Fe ₂ O ₃ , and Cr ₂ O ₃	-	-
1,141,396	02/15/83	Richard A. Eppler	Low-Melting, Lead-Free Ceramic Frits	-	-
1,145,146	04/26/83	Charles M. Loane, Jr. and Martin L. Hoss	Flux for Continuous Casting of Steel	-	-
1,150,516	07/26/83	Joseph F. Uher and Charles M. Loane, Jr.	Particulate Slagging Composition for the Extended Optimum Continuous Casting of Steel	-	-

Exhibit A

1,154,559	10/04/83	Richard A. Eppler	Orange Pigments of Inverse Spinel Structure Produced by Co-Calcination of Compounds of Iron and Zinc With Compounds of Titanium, Tin and/or Silicon	-
1,189,653	07/02/85	Richard A. Eppler	Black Pigment Free of Heavy Metals	-
1,193,287	09/10/85	Eugene F. O'Connor	Leadless Glazes for Whiteware	-
1,193,289	09/10/85	Richard A. Eppler	Low-Melting, Lead-Free Ceramic Frits	-
1,201,255	03/04/86	Richard A. Eppler	Dark Brown Pigments of Pseudobrookite Structure	-

Canadian Applications

2,072,946	07/02/92	Vernon J. Grebe, Elie E. Saad, Derek W. Sproson and Arthur C. Stidham	Rare Earth-Containing Frits Having a High Glass Transition Temperature and Their Use for the Production of Enamels Having Improved Heat Resistance	-
2,168,726	02/02/96	Dechun Fu and Vernon J. Grebe	Cobalt-Free, Black, Dual Purpose Porcelain Enamel Glass	-

Mexican Patents

<u>Patent No.</u>	<u>Issued</u>	<u>Inventor(s)</u>	<u>Title:</u>	<u>Serial No.</u>	<u>Filed</u>
181,567	05/06/96	Vernon J. Grebe, Elie E. Saad, Derek W. Sproson and Arthur C. Stidham	Rare Earth-Containing Frits Having a High Glass Transition Temperature and Their Use for the Production of Enamels Having Improved Heat	-	-

Exhibit A
Resistance

Mexican Applications

-	Dechun Fu and Vernon J. Grebe	Cobalt-Free, Black, Dual Purpose Porcelain Enamel Glass	03/07/96	96/0886
-				

EPO Applications

B1 0 065 205	Eugene F. O'Connor	Leadless Glazes for Whiteware	-	-
-				