

08-09-2007

FORM PTO-1595

REC



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U.S. Dept. of Commerce

Patent &amp; Trademark Office

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

## 1. Name of conveying party(ies):

Jeffrey William Balko

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

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger ☐ Security Agreement☐ Change of Name ☐ Other: \_\_\_\_\_

Execution Date: September 25, 2003

## 2. Name and address of receiving party(ies):

Name: W. R. Grace &amp; Co.-Conn.

Internal Address:

Street Address: 7500 Grace Drive

City: Columbia,  
State: Maryland

Zip Code: 21044-4098

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

## 4. Application Number(s) or Patent Number(s): If this document is being filed together with a new application, the execution date of this application is: \_\_\_\_\_

A. Patent Application No.(s): 10/671,807

B. Patent No.(s):

Additional Numbers Attached? ☐ Yes ☒ No

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

Name: Charles A. Cross

Internal Address: Patent Department  
W. R. Grace & Co.-Conn.

Street Address: 7500 Grace Drive

City: Columbia  
State: MD

Zip Code: 21044

6. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41): \$40.00☒ Authorized to be charged to Deposit Account8. Deposit Account Number: 07-1770

(Duplicate copy of this sheet is attached.)

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.*

Charles A. Cross

Name of Person Signing

Signature

August 6, 2007

Date

Total Number of Pages, including cover sheet, attachments, and document: 8

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

Mail Stop Assignments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

08/08/2007 DBYRNE 00000145 071770 10671807

01 FC:8021

40.00 DA

PATENT

REEL: 019694 FRAME: 0666

**ASSIGNMENT**

<b>Inventor or Inventors:</b>		
BALKO, Jeffrey William		

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

(1) UNDERSIGNED hereby assign(s) to W. R. Grace & Co.-Conn., a corporation organized and existing under the laws of the State of Connecticut, its successors and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, including Patent Corporation Treaty (PCT), in and to UNDERSIGNED's (a) inventions described in the patent application entitled:

**METHOD OF REDUCING SULFUR IN HYDROCARBON FEEDSTOCK USING A MEMBRANE SEPARATION ZONE;**

said application having been executed on the **26th** day of **September**, **2003**

and being further identified as U.S. Serial No. \_\_\_\_\_, filed in the United States Patent and Trademark Office on **September 26, 2003**; (b) all patents and patent applications (including continuations (e.g., continuations-in-part), re-issues and re-examinations) covering said inventions, or improvements or modifications thereto (collectively and individually referred to hereinafter as INVENTIONS(S)); (c) all foreign applications, including PCT application; and (d) all rights of priority created by said application(s) under provisions of international conventions or treaties.

(2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for, and documents relating to, obtaining patents and the prosecution thereof for said INVENTION(S) and any continuations or re-issues of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office, and any foreign patent office that ASSIGNEE may deem necessary or expedient.

(3) UNDERSIGNED agree(s) that in the event of any application based on said assigned INVENTION(S) or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

(4) UNDERSIGNED agree(s) to perform, upon ASSIGNEE's request, any and all affirmative acts to obtain United States and foreign patents covering said INVENTION(S) and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

(5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument, the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application, as well as the filing date and application number thereof when known.

ASSIGNMENT

Attorney Docket No. W9544-01

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date  
opposite UNDERSIGNED's NAME.

Date 9/25/03 Inventor  (LS) Witness   
Jeffrey William Balko Debra P. Darcey

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_

Page 2 of 2