


04-25-2003

Attorney Docket No.: L3759-02



FORM PTO-1595	RECOI	102431254	EPT. OF COMMERCE Patent and Trademark Office
<b>PATENTS ONLY</b>			
To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof			
1. Name of conveying party(ies): (1) <b>Byong-Wa Chun</b> 4-21-03 (2) <b>Benita Dair</b> (3) <b>Charlotte B. Porteneuve</b> (4) <b>Ara A. Jeknavorian</b> (5) <b>Lawrence R. Roberts</b>		2. Name and address of receiving part(ies) Name: W.R. Grace & Co.-Conn. Internal Address: Patent Dept. 62 Whittemore Avenue Cambridge, MA 02140	
Additional names of conveying parties) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Street Address: 7500 Grace Drive Columbia, MD 21044 USA Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other			
Execution Dates: (1) 2/24/03, (2) 2/25/03, (3) 2/28/03, (4) 3/3/03, (5) 2/28/03			
4. Application number(s) or patent number(s): 10/384,823 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s): _____ Patent No(s): _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of correspondence contact: Name: Craig K. Leon Internal Address: Patent Department W.R. Grace & Co.-Conn. Street Address: 62 Whittemore Avenue City: Cambridge State: MA ZIP: 02140		6. Total no. of applns. and patents involved: 1 7. Total fee (37 CFR 3.41).....\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
		8. Deposit account number: 07-1756	
DO NOT USE THIS SPACE			
9. Statement and Signature. <i>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.</i> <b>Craig K. Leon</b>  4-14-03 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 7			

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FINANCE SECTION

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents and Trademarks, Box Assignment

04/24/2003 DIAZI 00000142 071756 10384823  
01 FC:8021 40.00 CH

**PATENT ASSIGNMENT**

Whereas, we, **BYONG-WA CHUN** a citizen of South Korea, residing at 32 Keefe Ave., Newton, MA 02464, **BENITA DAIR** a citizen of The United States of America, residing at 1319 Elm Grove Circle, Springfield, MD 02143 made an invention which invention is claimed and described in a provisional application for Letters Patent of the United States of America entitled '**BENEFICIATED WATER REDUCING COMPOSITIONS**', filed in the U.S. Patent and Trademark Office on March 13, 2002 under Serial No. 60/363,820 and said foregoing inventors **BYONG-WA CHUN** a citizen of South Korea, residing at 32 Keefe Ave., Newton, MA 02464, **BENITA DAIR** a citizen of The United States of America, residing at 1319 Elm Grove Circle, Springfield, MD 02143, **CHARLOTTE B. PORTENEUVE**, a citizen of France, residing at 195 Commonwealth Avenue, Boston, MA 02116, **LAWRENCE REEDER ROBERTS** a citizen of The United States of America, residing at 44 Windsor Avenue, Acton, MA 01720, **ARA AVEDIS JEKNAVORIAN** a citizen of The United States of America, residing at 4 Percheron Road, Chelmsford, MA 01924, **JOSEPHINE HO-WAH CHEUNG**, a Citizen of Canada residing at 27 Bishop's Forest Drive, Waltham, MA 02452 have jointly made an invention which invention is claimed and described in an application for Letters Patent of the United States of America entitled "**BENEFICIATED WATER REDUCING COMPOSITIONS** ", filed in the U. S. Patent and Trademark Office on March 10, 2003 under Serial No. 10/384,823 and; filed as a PCT World Patent Application in the U. S. Patent and Trademark Office on March 10, 2003 under International Application Number US03/07142.

WHEREAS, **W. R. GRACE & Co.-CONN.** of **7500 GRACE DRIVE, COLUMBIA, MARYLAND 21044**, a corporation organized and existing under the laws of the **STATE OF CONNECTICUT** and having a place of business at **62 WHITTEMORE AVENUE, CAMBRIDGE, MASSACHUSETTS 02140** (hereinafter "**GRACE**"), is desirous of acquiring the entire right, title and interest in and to the invention and in and to any Letters Patent that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned parties by these presents do sell, assign and transfer unto **GRACE**, its successors and assigns the full, exclusive and worldwide right to the said invention including the United States of America, and the entire right, title and interest in, to and under any Letters Patent which may be granted on said invention, or any parts thereof, or on any continuation, division or reissue thereof in the United States of America, in the territorial possessions of the United States of America and in any country foreign to the United States of America, the same to be held and enjoyed by **GRACE**, its successors and assigns as fully and entirely as the same would have been held by us, or any of us, had this assignment not been made.

\* I/We authorize Craig K. Leon, William L. Baker or other attorneys for W.R. Grace & Co.-Conn. to insert the filing date and serial number when known.

And I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and respective Patent Office officials in any country foreign to the United States of America to issue said Letters Patent to GRACE as the assignee of my/our entire right, title and interest in, to and under the same, and I/we hereby further authorize GRACE to apply for Letters Patent in my/our name(s) or in its own name, as it in its sole discretion sees fit, utilizing any benefits which may exist under any International Agreement, in any country foreign to the United States of America.

And I/we, do hereby agree for myself/ourselves and for my/our heirs, executors and administrators to execute any lawful document and to testify as to any material fact or thing which GRACE, its successors and assigns may deem necessary in order to secure unto itself, its successors and assigns the full right, title and interest in and to and the full enjoyment of said invention or any part thereof and any Letters Patent, the same to be done without any further consideration.

IN WITNESS WHEREOF, the undersigned inventor(s) sets his/her hand(s) and affix his/her seal on the 24<sup>th</sup> day of February 2003 below indicated.

Byong-wa Chun  
Byong-wa Chun

Feb. 24, 2003  
Date

State of Massachusetts)

) ss.

County of Middlesex)

On the 24<sup>th</sup> day of February, 2003, before me personally appeared Byong-wa Chun, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he/she did acknowledge the same to be his/her free act and deed.

Maura A. Guskatki  
NOTARY PUBLIC  
My commission expires 11-27-07

\_\_\_\_\_  
**Benita Dair**

\_\_\_\_\_  
**Date**

State of Maryland)

) ss.

County of \_\_\_\_\_)

On the \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally appeared \_\_\_\_\_, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he/she did acknowledge the same to be his/her free act and deed.

\_\_\_\_\_  
NOTARY PUBLIC

My commission expires \_\_\_\_\_

*Charlotte B. Porteneuve*

\_\_\_\_\_  
**Charlotte B. Porteneuve**

*2/28/03*

\_\_\_\_\_  
**Date**

State of Massachusetts)

) ss.

County of Middlesex)

On the *25th* day of *February*, 2003, before me personally appeared *Charlotte B. Porteneuve*, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he/she did acknowledge the same to be his/her free act and deed.

*Maura A. Colakathu*

\_\_\_\_\_  
NOTARY PUBLIC

My commission expires *1-27 2007*



Lawrence R. Roberts

Lawrence R. Roberts

2/28/2003

Date

State of Massachusetts)

) ss.

County of Middlesex)

On the 28th day of February, 2003, before me personally appeared Lawrence R. Roberts, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he/she did acknowledge the same to be his/her free act and deed.

Maria A. Colokattin

NOTARY PUBLIC

My commission expires 2-27-2007

Berita Dair  
Berita Dair

2/25/03  
Date

State of Maryland)

County of Howard) ss.

On the 25<sup>th</sup> day of February, 2003, before me personally appeared Berita Dair, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he/she did acknowledge the same to be his/her free act and deed.

Michael Wallace  
NOTARY PUBLIC  
My commission expires 6-1-2006

Charlotte B. Porteneuve  
Charlotte B. Porteneuve

2/28/03  
Date

State of Massachusetts)

County of Middlesex) ss.

On the \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally appeared \_\_\_\_\_, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he/she did acknowledge the same to be his/her free act and deed.

\_\_\_\_\_  
NOTARY PUBLIC  
My commission expires \_\_\_\_\_