

03/27/00

FORM PTO-1595  
Rev. 08/28/92

05-01-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101339900

Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael J. Carney  
Keng Yu Shih

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

W.R. GRACE & CO.-CONN.  
7500 Grace Drive  
Columbia, Maryland 21044  
UNITED STATES OF AMERICA☐ Additional name(s) of conveying party(ies) is attached.☐ Additional name(s) & address(es) are attached.

3. Nature of conveyance:

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

Execution Date(s) November 19, 1997 Effective as of October 25, 1996

4. Application Number(s) or Patent Number(s):

09/117,470 Filed March 2, 1998

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

☐ Additional Application Number(s) or Patent Number(s) are attached.

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

Graham E. Taylor  
The Dow Chemical Company  
Intellectual Property  
P. O. Box 1967  
Midland, Michigan 48641-1967  
United States of America

6. Total number of applications and patents involved: 1

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

☐ Enclosed☒ Please deduct the above fee from our Deposit Account8. **Deposit Account 04-1512.** If this estimate is incorrect, please debit or credit our account accordingly.

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.*

Dated: March 22, 2000

  
Heather Terry  
Administrative Patent Assistant  
(517) 636-0903

42,515B US

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Total number of pages including attachments: 2

**PATENT**  
**REEL: 010732 FRAME: 0232**

**ASSIGNMENT**

Inventor or Inventors:		
Michael	J.	Carney
Keng	Yu	Shih

In consideration of the sum of Ten Dollars (\$10.00), 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, in and to UNDERSIGNED's invention or improvement and to all patent applications and patents covering same, which is described in a patent application entitled: **SUPPORTED CATALYST CONTAINING TETHERED CATION FORMING ACTIVATOR** said application having been executed on the \_\_\_\_ day of \_\_\_\_\_, 1997; and being further identified as **PCT/U596/17140**, filed with the United States Receiving Office on **25 October 1996**; and all rights of priority created by said application under provisional 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 or improvement, and any continuations 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 or improvement, 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 or improvement and to vest all rights therein thereby 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 the 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.

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

11/19/97  
Date

Michael J. Carney (LS)  
Inventor:  
Michael J. Carney

Timothy A. Beyer  
Witness

11/19/97  
Date

Keng Yu Shih (LS)  
Inventor:  
Keng Yu Shih

Timothy A. Beyer  
Witness