



04-25-2003  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

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### Submission Type

☒ New  
☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
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Reel #  Frame #

### Conveyance Type

☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
U.S. Government  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

### Conveying Party(ies)

☒ Mark if additional names of conveying parties attached  
Name (line 1)  Wu, Yuhong  
Name (line 2)   
Execution Date: Month  Day  Year  02/06/2003  
Second Party  
Name (line 1)  Frederick J. McGarry  
Name (line 2)   
Execution Date: Month  Day  Year  02/05/2003

### Receiving Party

☒ Mark if additional names of receiving parties attached  
Name (line 1)  Massachusetts Institute of Technology  
Name (line 2)   
Address (line 1)  77 Massachusetts Avenue  
Address (line 2)   
Address (line 3)  Cambridge  Massachusetts/United States  02142  
City State/Country Zip Code  
☐ 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.)

### Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name   
Address (line 1)   
Address (line 2)   
Address (line 3)   
Address (line 4)

### FOR OFFICE USE ONLY

04/24/2003 ECOOPER 00000179 10374802

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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. 20503

REEL: 013987 FRAME: 0931

**Correspondent Name and Address**

Area Code and Telephone Number

(313) 965-8331

Name Kevin S. MacKenzie

Address (line 1) Clark Hill PLC

Address (line 2) 500 Woodward Avenue

Address (line 3) Suite 3500

Address (line 4) Detroit, MI 48226-3435

**Pages**

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

# 5

**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)

Patent Number(s)

10374802

If this document is being filed together with a new Patent Application, enter the date the patent application was

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.

#

**Fee Amount**

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

40.00

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

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Deposit Account Number:

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Yes

☒

No

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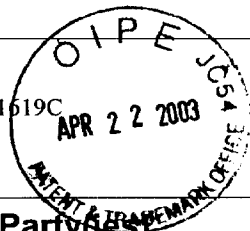
Kevin S. MacKenzie

Name of Person Signing

Signature

Date

9/17/03



# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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

## Conveying Parties



Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Zhu, Bizhong

Execution Date  
Month Day Year  
03/04/2003

Name (line 2)

Name (line 1) Reese, Herschel H.

Execution Date  
Month Day Year  
02/28/2003

Name (line 2)

Name (line 1) Katsoulis, Dimitris E.

Execution Date  
Month Day Year  
03/05/2003

Name (line 2)

## Receiving Party



Mark if additional names of receiving parties attached

Name (line 1) Dow Corning Corporation

Name (line 2)



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.)

Address (line 1) 2200 W. Salzburg Road

Address (line 2)

Address (line 3) Midland

City

Michigan/United States

State/Country

48686-0994

Zip Code

Name (line 1)

Name (line 2)



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States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment.)

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)

Patent Number(s)









**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) Keryk, John R.

Execution Date  
Month Day Year  
03/05/2003

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

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.)

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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)

Patent Number(s)

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)

7019-3011-001

Whereas, I, Yuhong Wu, of 540 Memorial Dr. #102, Cambridge, MA 02139, hereafter referred to as/

applicant, have invented certain new and useful improvements in HYBRID COMPOSITE OF SILICONE AND ORGANIC RESINS.

☐ for which an application for a United States Patent was filed on \_\_\_\_\_, 2003,  
Application Number \_\_\_\_/\_\_\_\_.

☒ for which an application for a United States Patent was executed on \_\_\_\_\_, 2003, and

Whereas, Massachusetts Institute of Technology of Cambridge, Massachusetts herein referred to "assignee" whose post office address is 77 Massachusetts Avenue, Cambridge, Massachusetts 02142 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 6 day of February, 2003,

Cambridge  
at Weston, Massachusetts.



(Signature)

State of Massachusetts SS:

County of Middlesex

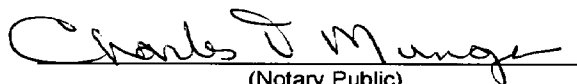
Before me personally appeared said Yuhong Wu  
and acknowledged the foregoing instrument to be his free act and deed this 6  
day of February, 2003

CHARLES T. MUNGER

Notary Public

My Commission Expires

December 2, 2005



(Notary Public)

Seal

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)

7019-3011-001

Whereas, I, Frederick J. McGarry, of 90 Bakers Hill Road, Weston, Massachusetts 02193, hereafter referred to as applicant, have invented certain new and useful improvements in HYBRID COMPOSITE OF SILICONE AND ORGANIC RESINS.

☐ for which an application for a United States Patent was filed on \_\_\_\_\_, 2003,  
Application Number \_\_\_\_\_/\_\_\_\_\_.

☒ for which an application for a United States Patent was executed on \_\_\_\_\_, 2003, and

Whereas, Massachusetts Institute of Technology of Cambridge, Massachusetts herein referred to "assignee" whose post office address is 77 Massachusetts Avenue, Cambridge, Massachusetts 02142 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 5 day of FEB, 2003.

at ~~Weston, Massachusetts~~

DOVER SPRINGS, FL

Frederick J. McGarry  
(Signature)

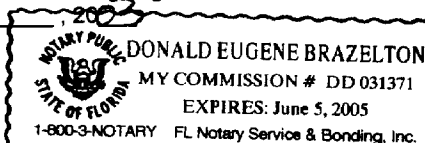
State of FLORIDA ) SS:

County of LEE )

Before me personally appeared said FREDERICK MCGARRY

and acknowledged the foregoing instrument to be his free act and deed this 5

day of FEB, 2003



Seal

Donald Eugene Brazelton  
(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

ASSIGNMENT

WHEREAS We, Bizhong Zhu of Midland, County of Midland, and State of Michigan; Herschel H. Reese of Midland, County of Midland and State of Michigan, Dimitris E. Katsoulis of Midland, County of Midland and State of Michigan and John R. Keryk of Midland, County of Midland, and State of Michigan; have invented certain new and useful improvements in

**HYBRID COMPOSITE OF SILICONE AND ORGANIC RESINS**

for which application for United States Letters Patent has been executed by us on February 28<sup>th</sup>, March 4<sup>th</sup>, and March 5<sup>th</sup>, 2003 and

WHEREAS, the Dow Corning Corporation, a corporation organized and existing under the Laws of the State of Michigan, having its principal place of business at Midland, Michigan, U.S.A., is desirous of acquiring the said invention and said application and any and all Letters Patent that may be obtained therefore or thereupon, and all reissues and extensions thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, to us in hand paid by the said Dow Corning Corporation, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto the said Dow Corning Corporation, its successors, and assigns, the full and exclusive right, title and interest in and to the said invention and said application for Letters Patent of the United States therefore, and in and to any Divisions and Continuations thereof and in and to any and all United States Letters Patent and reissues and extensions thereof that may be issued for the said invention, to have and to hold for its own use and behoof and the use and behoof of its successors and assigns as fully and entirely as the same might be enjoyed by us if this sale and assignment had not been made; and

HEREBY AUTHORIZE and request the Commissioner of Patents and Trademarks to issue the said Letters Patent and any reissues and extensions thereof to the said Dow Corning Corporation as assigns of the entire right, title and interest in and to the said invention and said application and Letters Patent issued therefore or thereupon; and

HEREBY AGREE to execute all instruments and documents within my power which may be necessary for the carrying out of this assignment in full; and to execute any divisional or continuing application or applications which may be necessary or proper to obtain full protection on the invention hereby assigned; and to execute any and all supplemental oaths and preliminary statements should the same be proper and necessary in the prosecution of the aforesaid applications; and

HEREBY FURTHER ASSIGN unto the said Dow Corning Corporation, its successors, and assigns, the whole right, title and interest in and to the invention disclosed in the said application throughout all countries foreign to the United States, and do hereby ratify any acts of the said Dow Corning Corporation, its successors and assigns, in applying for patents therefore in its own name in countries where such procedure is proper and do agree to execute applications for said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefore to the said Dow Corning Corporation, its successors and assigns.

4th day of March, 2003.

Bizhong Zhu  
Bizhong Zhu

STATE OF Michigan )  
 ) SS,  
COUNTY OF Bay )

On this 4th day of March, 2003, before me personally appeared Bizhong Zhu me known to be the person described in and who executed the foregoing instrument and acknowledged that HE executed the same as HIS free act and deed.

Christine M. Fitak  
Notary Public, Midland County, Michigan  
My Commission Expires April 30, 2007  
Acting In Bay County

Christine M. Fitak  
Notary Public

28th day of February, 2003.

Herschel Reese  
Herschel Reese

STATE OF Michigan )  
 ) SS,  
COUNTY OF Bay )

On this 28TH day of February, 2003, before me personally appeared Herschel Reese to me known to be the person described in and who executed the foregoing instrument and acknowledged that HE executed the same as HIS free act and deed.

Christine M. Fitak  
Notary Public, Midland County, Michigan  
My Commission Expires April 30, 2007  
Acting In Bay County

Christine M. Fitak  
Notary Public

5th day of March, 2003.

Dimitris Katsoulis  
Dimitris Katsoulis

STATE OF Michigan )  
 ) SS,  
COUNTY OF Bay )

On this 5TH day of March, 2003, before me personally appeared Dimitris Katsoulis to me known to be the person described in and who executed the foregoing instrument and acknowledged that HE executed the same as HIS free act and deed.

Christine M. Fitak  
Notary Public, Midland County, Michigan  
My Commission Expires April 30, 2007  
Acting In Bay County

Christine M. Fitak  
Notary Public



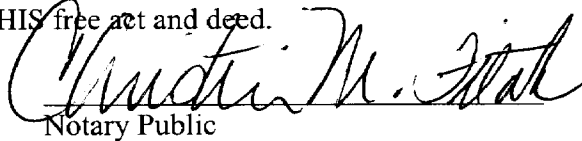
5 IN WITNESS WHEREOF I have hereunto set my hand and affixed my seal this  
day of March, 2003.

  
John Keryk

STATE OF Michigan )  
 ) SS,  
COUNTY OF Bay )

On this 5TH day of March, 2003, before me personally appeared  
John Keryk to me known to be the person described in and who executed the foregoing instrument and  
acknowledged that HE executed the same as HIS free act and deed.

*Christine M. Fitak*  
Notary Public, Midland County, Michigan  
My Commission Expires April 30, 2007  
Acting In Bay County

  
Notary Public