

10-31-2002

Docket No.: 835910-71386

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp.5/31/2002)  
P08/REV03

EET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



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Tab settings

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

1. Name of conveying party(ies):

Agnes E. Ostafin  
Robert Nooney  
Edward Maginn

10-23-02

Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: 10/02/02; 10/03/02; 10/02/02

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

Name: University of Notre Dame

Internal Address:

Street Address: 511 Main Building

City: Notre Dame State: IN ZIP: 46556

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

4. Application number(s) or patent numbers(s):

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

09/20/02

A. Patent Application No.(s)

10/251,934

B. Patent No.(s)

Additional numbers attached?  Yes  No

FINANCE SECTION  
OCT 23 9 58 AM '02

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

Name: Jill T. Powlick

Internal Address: Barnes & Thornburg

Street Address: 11 South Meridian Street

City: Indianapolis State: IN ZIP: 46204

6. Total number of applications and patents involved: 1

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

10-0435

(Attach duplicate copy of this page if paying by deposit account)

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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.

Jill T. Powlick

Name of Person Signing

Signature

10/18/02

Date

4

10/30/2002 DBYRNE 00000049 10251934 Number of pages including cover sheet, attachments, and document:

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40.00 00

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

PATENT  
REEL: 013425 FRAME: 0103

Attorney Docket No.: 835910-71386  
 Client Reference No.: ND-191

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) of Inventor(s) Agnes E. Ostafin,  
Robert Nooney  
 and,  
Edward Maginn

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application METHOD FOR MAKING MESOPOROUS SILICATE NANOPARTICLE COATINGS AND HOLLOW MESOPOROUS SILICA NANO-SHELLS

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee University of Notre Dame

Address of principal place of business 511 Main Building  
Notre Dame, Indiana 46556

Insert State of Incorporation (if applicable) or "Not Applicable" a non-profit corporation of Indiana

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

ASSIGNMENT TO BUSINESS CONCERN


The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at the University of Notre Dame this 2nd day of October, 2002.

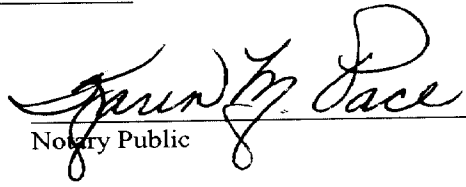
Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

  
\_\_\_\_\_  
(Inventor (Signature))  
  
\_\_\_\_\_  
Agnes E. Ostafin  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana }  
  }     SS:  
COUNTY OF St. Joseph }

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 2nd day of October, 2002.

  
\_\_\_\_\_  
Notary Public  
  
\_\_\_\_\_  
Karen M. Pace  
Printed Name

My Commission Expires: February 22, 2009

Resident of St. Joseph County

IN WITNESS WHEREOF, I have executed this assignment at 1:30 p.m.  
this 3rd day of October, 2002.

Outside the USA: A. Daniels  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
U. Nooney  
Witness

Robert Nooney  
Inventor (Signature)  
Robert Nooney  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public  
\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_ Resident of \_\_\_\_\_ County

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
\_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor (Signature)  
Edward Maginn  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public  
\_\_\_\_\_  
Printed Name  
Resident of \_\_\_\_\_ County

My Commission Expires: \_\_\_\_\_

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

\_\_\_\_\_  
Inventor (Signature)  
\_\_\_\_\_  
Robert Nooney  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public  
\_\_\_\_\_  
Printed Name

My Commission Expires: 1/23/08

Resident of \_\_\_\_\_ County

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
this 1 day of October, 2002.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Edward Maginn  
Inventor (Signature)  
\_\_\_\_\_  
Edward Maginn  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana }  
COUNTY OF St. Joseph } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this 1st day of October, 2002.

Rebecca B. Ward  
Notary Public  
Rebecca B. Ward  
Printed Name

My Commission Expires: 1/23/08

Resident of Notre Dame County