


09-19-2002


To the Honorable Commissioner of Patents and Trademarks, 102227005 1 original documents or copy thereof.

1. Name of conveying party(ies):
 1) Michael Russel Zachariah
 2) Benjamin Y. H. Liu *19-13-02*

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 License
 Other _____

Execution Date: 1) August 23, 2002 2) September 3, 2002

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

Name: Regents of the University of Minnesota

Street Address: 450 McNamara Alumni Center
200 Oak Street SE

City: Minneapolis State: MN ZIP: 55455-2070

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 the application is: _____

A. Patent Application No(s).
Serial No. 10/167,346

B. Patent No(s). _____

Title: SYNTHESIS OF NONOPOROUS PARTICLES

Additional numbers attached? Yes No

RECEIVED
SEP 13 2002
PATENT SECTION

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

Name: Ann M. Mueting
 Address: MUETING, RAASCH & GEBHARDT, P.A.
P.O. Box 581415
Minneapolis, MN 55458-1415

Customer Number 26813

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to Deposit account number: 13-4895

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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 an original or a true copy of the original document.

Ann M. Mueting *Ann M Mueting* *Sept. 13, 2002*
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document(s): 3

09/18/2002 TDIAZ1 00000149 10167346
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Mail documents to be recorded with required cover sheet information to:
Commissioner, United States Patent and Trademark Office
Box Assignments
Washington, D.C. 20231

ASSIGNMENT

Whereas We, Michael Russel Zachariah and Benjamin Y. H. Liu , with residences and citizenships as indicated below; have made an invention in

SYNTHESIS OF NANOPOROUS PARTICLES

Filed: June 11, 2002

Serial No.: 10/167,346

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Regents of the University of Minnesota ("Company"), a corporation of Minnesota, having its principal office at 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, MN 55455-2070, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any continued prosecution application, divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Regents of the University of Minnesota as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

[Handwritten signature of Michael Russel Zachariah]

8/23/02

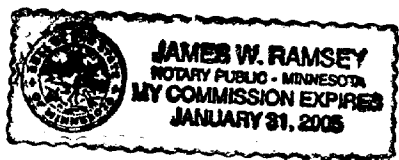
Name: Michael Russel Zachariah
Address: 10016 Bennett Place, Eden Prairie, MN 55347
Citizenship: United States of America

Date

STATE OF Minnesota)
) ss.
COUNTY OF Hennepin)

On this 23 day of August, 2002, before me personally appeared Michael Russel Zachariah, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

[Handwritten signature of James W. Ramsey]
Notary Public



For: SYNTHESIS OF NANOPOROUS PARTICLES

B. Y. H. Liu

9/3/02

Name: Benjamin Y. H. Liu

Date

Address: 1 North Deep Lake Road, North Oaks, MN 55127

Citizenship: United States of America

STATE OF Minnesota)

) ss.

COUNTY OF Hennepin)

On this 3rd day of September, 2002, before me personally appeared Benjamin Y. H. Liu, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

James W. Ramsey
Notary Public

