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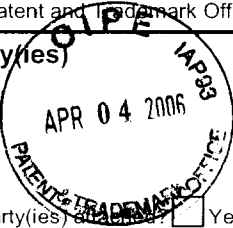
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ET 4.400

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Jianli Hu/ 3-20-06
Johnathan E. Holladay/ 3-20-06
Xinjie Zhang/ 3-22-06
Yong Wang/ 3-31-06



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

2. Name and address of receiving party(ies)

Name: Battelle Memorial Institute

Internal Address: _____

Street Address: 902 Battelle Boulevard

P.O. Box 999

City: Richland

State: WA

Country: US Zip: 99352

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 3-20-06, 3-22-06, 3-31-06

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/342,146

B. Patent No.(s)

04/07/2006 RMEBRAHT 00000035 11342146

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Additional numbers attached? Yes No

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

Name: Jennifer J. Taylor, Ph.D.

Internal Address: Wells St. John P.S.

Street Address: 601 West First Ave., Ste. 1300

City: Spokane

State: WA

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Phone Number: 509-624-4276

Fax Number: 509-838-3424

Email Address: jtaylor@wellsstjohn.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Jennifer J. Taylor
Signature
Jennifer J. Taylor, Ph.D.
Name of Person Signing

April 4, 2006

Date

Total number of pages including cover sheet, attachments, and documents:

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

EV850819214

PATENT

REEL: 017757 FRAME: 0076

ASSIGNMENT**PARTIES TO THE ASSIGNMENT:****Inventor:**

Jianli Hu
Johnathan E. Holladay
Xinjie Zhang
Yong Wang

Assignee:

Battelle Memorial Institute
Corporation of the State of Ohio
902 Battelle Boulevard
P.O. Box 999
Richland, WA 99352

BACKGROUND OF THIS ASSIGNMENT:

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled "Method of Performing Sugar Dehydration and Catalyst Treatment", Serial No. 11/342,146, filed January 26, 2006.

BATTELLE MEMORIAL INSTITUTE (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, INVENTORS have sold, assigned and transferred to ASSIGNEE the full and exclusive right to said inventions in the United States and in all foreign countries.

INVENTORS do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any applications papers required for the filing of any division, continuation or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent.

Signed at Richland, WA, on March 20, 2006.
(City) (State)

Jianli Hu
Jianli Hu

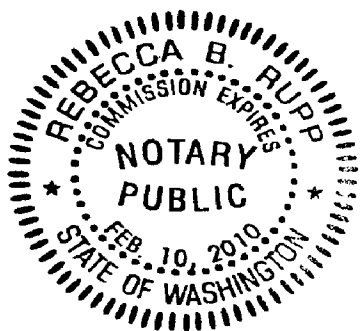
State of Washington
County of Benton

On March 20, 2006, before me, a Notary Public, personally appeared Jianli Hu who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

Rebecca B. Rupp
Notary for the State of Washington

Residing at Benton City
(city)

Commission Expires: 2/10/2010



SEAL

Signed at Richland WA, on March 20, 2006.
(City) (State)

Johnathan E. Holladay
Johnathan E. Holladay

State of Washington

County of Benton

On March 20, 2006, before me, a Notary Public, personally appeared Johnathan E. Holladay who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

Rebecca B. Rupp
Notary for the State of Washington
Residing at Benton City
(city)
Commission Expires: 2/10/2010



SEAL

Signed at Cambridge, MA, on Mar 22, 2006.
[City] [State]

Xinjie Zhang
Xinjie Zhang

State of Massachusetts

County of Middlesex

Xinjie

3/22/06

On March 22, 2006, before me, a Notary Public, personally appeared Xinjie Zhang who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

Barbara J. DeFazio

Notary for the State of Massachusetts

Residing at Shorehill, MA
(city)

Commission Expires: 9-14-12

SEAL

Signed at Richland WA, on March 31 2006.
[City] [State]

Yong Wang
Yong Wang

State of Washington

County of Benton

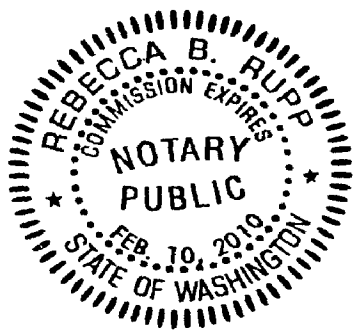
On March 31, 2006, before me, a Notary Public, personally appeared Yong Wang who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

Rebecca B. Rupp

Notary for the State of Washington

Residing at Benton City
(city)

Commission Expires: 2/10/2010



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