

Attorney Docket No. 4453-255 PRV;  
4453-255 PRV2;  
4453-255

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

Form PTO-1595  
OMB No. 0651-0027

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

1. Name of conveying party (ies):

University Of Maryland Biotechnology Institute

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

2. Name and address of receiving party (ies)

University of Maryland College Park  
Office of Technology Commercialization  
0133 Cole Student Activities Bldg.  
College Park, MD 20742

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other: \_\_\_\_\_

Execution Date(s): June 23, 2010 (UMBI)

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)

61/102,009

61/238,277

13/122,403

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Steven J. Hultquist

Company Name: HULTQUIST IP

Street Address: P.O. Box 14329

City: Research Triangle Park State: NC Zip: 27709

6. Total Number of applications and patents involved: 3

7. Total fee (37 C.F.R. 3.41).....\$120.00

☒ Enclosed Credit Card Payment Form

☒ Authorized to charge any deficiency or credit any overpayment to deposit account

8. Deposit account Number: 08-3284

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


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9. State 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.*

Kelly K. Reynolds

Name of person signing

  
Signature

May 13, 2011

Date

Total number of pages including cover sheet, attachments and documents: 4

OP \$120.00 6110200

## PATENT ASSIGNMENT

**THIS PATENT ASSIGNMENT** is made as of the date of the last signature on the signature page ("Effective Date"), by and between **UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE**, having a principal place of business at 701 East Pratt Street, Suite 200, Baltimore, MD 21202 ("**Assignor**") and **UNIVERSITY OF MARYLAND, COLLEGE PARK**, having a principal place of business at 0133 Cole Student Activities Bldg., College Park, MD 20742 ("**Assignee**").

WHEREAS, Assignor and Assignee are each institutions of the University System of Maryland ("**USM**"), a public corporation and an instrumentality of the State of Maryland;

WHEREAS, the assets of Assignor are being transferred to various institutions of the USM and the faculty and staff in the Center for Biosystems Research ("**CBR**") was transferred from Assignor to Assignee on or about March 28, 2010; and

WHEREAS, Assignor is the exclusive owner of all right, title, and interest in and to the patent(s) and patent application(s) identified in **Exhibit A** attached hereto; and

WHEREAS, Assignee desires to acquire all right, title, and interest in and to said patents and patent applications; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Assignor** hereby assigns to **Assignee** all right, title, and interest to all intellectual property identified in **Exhibit A** attached hereto, and in any and all United States and/or international or foreign patent applications thereon, continuing patent applications thereon (including without limitation substitutions, divisionals, continuations, and continuations-in-part), patents or Letters Patent issued therefrom, and reissues, extensions, renewals, and reexaminations of such applications or patents (collectively, the "**Patents and Patent Applications**").

Such entire right, title, and interest in the Patents and Patent Applications are to be held and enjoyed by Assignee to the same extent as they would have been held and enjoyed by Assignor had this Assignment not been made, to the full end of the term or terms for which any such patent(s) issue. Assignor hereby represents and warrants that Assignor has full right to convey its entire right, title, and interest in and to the Patents and Patent Applications herein assigned, and that Assignor has not executed and will not execute any agreement or other document in conflict therewith.

Assignor agrees to use its best efforts for as long as Assignor exists as a separate entity within the USM to effect such assignment, to execute and deliver separate Assignments, patent applications, and other documents necessary or expedient in connection with, and to cooperate with and to assist Assignee in connection with: further perfecting the assignment of the Patents and Patent Applications to Assignee; Assignee's preparation, filing, prosecution (including without limitation defense in interference proceedings, reexaminations, or litigation), enforcement, and/or maintenance of the Patents and Patent Applications; or for Assignee to protect and commercialize the intellectual property right, title, and interests in and to the Patents and Patent Applications (including without limitation copyright and/or trademarks).

Assignor agrees to use its best efforts for as long as Assignor exists as a separate entity within the USM to pay any direct costs incurred by or on behalf of Assignor prior to the Effective Date of this agreement in association with preparing, filing, prosecuting, enforcing, maintaining, or otherwise

protecting the patents and patent applications identified in Exhibit A. Assignee shall not be liable for any such direct costs incurred by or on behalf of Assignor prior to the Effective Date of this agreement. Assignor shall incur no further costs as of the Effective Date of this agreement.

Assignor hereby requests that the Commissioner of Patents transfer registered ownership of said Patents and Patent Applications, and any reissuance or extension thereof, to the Assignee for the sole use and benefit of the Assignee, its successors, legal representatives and assigns.

**ASSIGNOR:**

**UNIVERSITY OF MARYLAND  
BIOTECHNOLOGY INSTITUTE**

By: 

Name: Edward Eisenstein  
Title: Acting President, UMBI

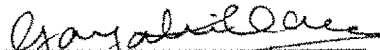
Date: 06/23/10

Witness: 

Name: JON GOTTLIEB

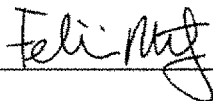
**ASSIGNEE:**

**UNIVERSITY OF MARYLAND  
COLLEGE PARK**

By: 

Name: Gayatri Varma  
Title: Executive Director, Office of Technology  
Commercialization

Date: June 22, 2010

Witness: 

Name: Felicia Metz

EXHIBIT A:  
CBR INTELLECTUAL PROPERTY REPORT  
THROUGH 2/25/2010 -UMBI  
UPDATED 6/15/2010

Patent Docket Code	Order	Principal Investigator	Inventor(s)	Patent title	Patent firm	Filing Date	Application Status	Patent Application No.	Issue Date	Patent No.
06-047-PRV-2			Wu, Yi	Chitosan-coated wires for braiding	INTELLECTUAL PROPERTY TECHNOLOGY LAW	8/31/2009	Pending	61/239,277		
			Shi, Xiao-Wen							
			Payne, Dr. Gregory F.							
			Meyer, W. Lee							

EXHIBIT A:  
CSR INTELLECTUAL PROPERTY REPORT  
THROUGH 2/25/2010 -JUMB#  
UPDATED 6/15/2010

Patent Docket Entry Number	Center	Principal Investigator	Inventor(s)	Patent Title	Patent Form	File Date	Application Status	Patent Application No.	Issue Date	Patent No.
08-015-PCT	CBR	Shi, Xiao-Wen	Shi, Xiao-Wen	CHITOSAN-COATED WIRES FOR BIOSENSING	INTELLECTUAL PROPERTY TECHNOLOGY LAW	10/2/2009	Pending	PCT/US09/59372		
08-015-PRV	CBR	Shi, Xiao-Wen	Shi, Xiao-Wen	CHITOSAN-COATED WIRES FOR BIOSENSING	INTELLECTUAL PROPERTY TECHNOLOGY LAW	10/2/2008		61/102,009		

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