

Form PTO-1595 (Rev. 03-09)  
OMB No. 0651-0027 (exp. 03/31/2009)

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## RECORDATION FORM COVER SHEET PATENTS ONLY

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)

University of Maryland Botechnology Institute

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

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

Execution Date(s) April 1, 2010

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: University of Maryland, Baltimore

Internal Address: Office of Research and Development

Street Address: 620 W. Lexington Street, 4th floor

City: Baltimore

State: Maryland

Country: U.S. Zip: 21201

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/110,072

B. Patent No.(s)

6,579,241

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gail Knott

Internal Address: University of Maryland, Baltimore

Office of Research & Development/OTT

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Email Address: gknott001@umaryland.edu

### 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 to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

Deposit Account Number 21-0684

Authorized User Name Gail Knott

### 9. Signature:

Gail Knott  
Signature

November 19, 2010

Date

Gail Knott

Name of Person Signing

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

4

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

## 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, BALTIMORE**, by its Office of Commercial Ventures and Intellectual Property, 620 West Lexington Street, 4<sup>th</sup> Floor, Baltimore, Maryland 21201 ("**Assignee**"). 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

WHEREAS, the Institute of Human Virology ("**IHV**") was transferred to Assignee on July 1, 2007; 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: Edward Eisenstein

Name: Edward Eisenstein  
Title: Acting President, UMBI

Date: 04/01/10

Witness: Cynthia M. Dieffendbach

Name: CYNTHIA M. DIEFFENBACH

**ASSIGNEE:**

UNIVERSITY OF MARYLAND  
BALTIMORE

By: James L. Hughes

Name: James L. Hughes  
Vice President, Office of Research and  
Development

Date: 3/31/10

Witness: Shari J. Corin

Name: Shari J. Corin

