Form PTO-1595 (Rev. 03-09) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 03/31/2009) United States Patent and Trademark Office 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. Name of conveying party(ies) 2. Name and address of receiving party(ies) Name: University of Maryland, Baltimore University of Maryland Botechnology Institute Internal Address: Office of Research and Development Additional name(s) of conveying party(les) attached? 3. Nature of conveyance/Execution Date(s): Street Address: 620 W. Lexington Street, 4th floor Execution Date(s) April 1, 2010 X Assignment Merger City: Baltimore Security Agreement Change of Name Joint Research Agreement State: Maryland Government Interest Assignment Country: u.s. Zip: 21201 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Lagrange Yes X No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 6,579,241 10/110,072 Additional numbers attached? Yes X No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Gail Knott 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 Internal Address: University of Maryland, Baltimore Office of Research & Development/OTT X Authorized to be charged to deposit account Street Address: 620 W. Lexington Street, 4th floor **Enclosed** None required (government interest not affecting title) 8. Payment Information City: Baltimore State: MD Zip: 21201 Phone Number: 410-706-2380 Deposit Account Number 21-0684 Fax Number: 410-706-1066 Authorized User Name Gail Knott Email Address: <u>qknot001@umarvland.edu</u> 9. Signature: November 19, 2010 Date Total number of pages including cover Name of Person Signing sheet, attachments, and documents:

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 REEL: 025302 FRAME: 0195

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, 4th 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 arc 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 USMto 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. Assignce shall not be liable for any

PATENT REEL: 025302 FRAME: 0196 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:	ASSIGNEE:
UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE	UNIVERSITY OF MARYLAND BALTIMORE
By: Zoward Essente	By: Janes L. Dh
Name: Edward Eisenstein Title:Acting President, UMBI	Name: James L. Hughes Vice President, Office of Research and
Date: 04/01/10	Development Date: 3/3/(0
Witness: Conthia M. Sueffenback	Witness:
Name: CYNTHIA M. DIEFFENBACH	Name: Shari Transia

EXHIBIT A
MTELLECTUAL PROPENTY ALL PATENT APPLYCATIONS REPORT
THROUSH 2/19/2010:- HV

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