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David J. Sullivan (04/02/2008) and Peter Scholl (04/02/2008)	Name: The Johns Hopkins University
Additional name(s) of conveying party(ics) attached? Yes X No	Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): In parentheses after Inventor name  X Assignment Merger Change of Name	3400 N. Charles Street
Security Agreement Joint Research Agreement	City: Baltimore
Government Interest Assignment	State: Maryland
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11/883,130 Additional numbers attached?	Yes X No
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Name: Peter F. Corless EDWARDS ANGELL PALMER & DODGE LLP Internal Address: Atty, Dkt.: 64761(71699) Street Address: P.Q. Box 55874	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
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Email Address: PCorless@eapdlaw.com	b. Deposit Account Number 04-1105 Authorized User Name Peter F. Corless
9. Signature:	July 16, 2008
Jonathan M. Sparks, Ph.D 53,624	Date Total number of pages Including cover
Name of Person Signing	sheet, attachments, and documents:

## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 2nd day of April, 2008, by David J. Sullivan and Peter Scholl (hereinafter referred to as Assignors), residing at 117 Hawthorn Road, Baltimore, Maryland 21210; and 7007 York Road, Baltimore, Maryland 21212, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in PLASMODIUM DIAGNOSTIC ASSAY DEVICE, set forth in a Patent application for which an International Application was filed on January 25, 2006, US2006/002678, designating the United States; and

WHEREAS, The Johns Hopkins University, a University organized under and pursuant to the laws of Maryland having its principal place of business at 3400 N. Charles Street, Baltimore, Maryland 21218 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order

to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

## EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 49383

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

	David J. Sullivan
Date: April 7, 7908	- -
United States of America State of Soltimor Ci	) _) ss.; <del>[]</del> }
On this day of	yan to me known to be the individual poing instrument, and acknowledged execution
	Auberra Momas Putyl

REBECCA A. THOMAS PUTZULO NOTARY PUBLIC BALTIMORE COUNTY MARYLAND MY COMM. EXR. 1/10/2012

REEL: 021249 FRAME: 0514

Peter Scholl

United States of America
State of MD ss.:

County of BALTTMONT

On this 2 day of APRTL , 2008 before me personally came Peter Scholl , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

REBECCA A. THOMAS PUIZULO NOTARY PUBLIC BALTIMORE COUNTY MARYLAND MY COMM. EXP. 1/10/2012 PTO/SB/97 (09-04)
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Attorney Docket No.: 64761(71699)

Application No. (if known): 11/883,130

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Inventor:

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Jonathan M. Sparks, Ph.D.

PHONE:

(617) 517-5543

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