PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NILS WALTER	01/07/2015
ALEXANDER JOHNSON-BUCK	01/14/2015
MARIO BLANCO	01/21/2015
ARLIE RINALDI	01/21/2015

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
Street Address:	1600 HURON PARKWAY
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State/Country:	MICHIGAN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14589467

CORRESPONDENCE DATA

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Total Attachments 4		
DATE SIGNED:	02/04/2015	
SIGNATURE:	/Thomas A. Isenbarger/	
NAME OF SUBMITTER:	THOMAS A. ISENBARGER	
ATTORNEY DOCKET NUMBER:	UM-33976/US-3/ORD	

Total Attachments: 1

PATENT REEL: 034889 FRAME: 0461

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PATENT REEL: 034889 FRAME: 0462

ASSIGNMENT

WHEREAS, WE, **Nils Walter, Alexander Johnson-Buck, Mario Blanco,** and **Arlie Rinaldi**, hereinafter referred to as "ASSIGNORS," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

APPLICATION TITLE: DETECTION OF NUCLEIC ACIDS

DATE OF FILING: January 5, 2015 SERIAL NUMBER: 14/589,467

WHEREAS, The Regents of the University of Michigan, a Constitutional Corporation of the State of Michigan, having a place of business at 1600 Huron Parkway, 2nd Floor, Ann Arbor, MI 48109-2590, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said application and any application relating to the invention, and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said application for United States Letters Patent, and any application claiming priority thereto, including any divisions, renewals, continuations in whole or in part, utilities, substitutions, conversions, reissues, or prolongations or extensions thereof, in all countries, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent. We hereby grant permission for the attorney of record to insert the filing information into this agreement.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain such Letters Patent in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

Nils Walter DATE Mario Blanco DATE	_ Leen h_	1/19/15 DATE — 01/21/15 DATE
On this		he basis of satisfactory ley executed the same.

RECORDED: 02/04/2015

NANDHINI PONHUSWARATENT

REEL: 034889 FRAME: 0463