### 502952677 08/27/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JONATHAN KURTIS	08/20/2014
CHRISTIAN PARCHER NIXON	08/20/2014
DIPAK KUMAR RAJ	08/22/2014
JENNIFER FRANCES FRIEDMAN	08/20/2014

### **RECEIVING PARTY DATA**

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Street Address:	593 EDDY STREET
City:	PROVIDENCE
State/Country:	RHODE ISLAND
Postal Code:	02903

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14361573

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	21486-607N01US	
NAME OF SUBMITTER:	INGRID A. BEATTIE	
SIGNATURE:	/Ingrid A. Beattie/	
DATE SIGNED:	08/27/2014	

#### **Total Attachments: 4**

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PATENT 502952677 REEL: 033621 FRAME: 0067

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PATENT REEL: 033621 FRAME: 0068

# **ASSIGNMENT**

We, Jonathan Kurtis, Christian Parcher Nixon, Dipak Kumar Raj, and Jennifer Frances Friedman, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to Rhode Island Hospital with offices at 593 Eddy Street, Providence, Rhode Island 02903 and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

## VACCINE FOR FALCIPARUM MALARIA

filed with the U.S. Patent and Trademark Office on May 29, 2014 and assigned U.S. Application No. 14/361,573, as a United States National Phase application based on the International Application No. PCT/US2012/067404, International Filing Date November 30, 2012, which claims priority to and/or the benefit of U.S. Provisional Application No. 61/566,365, filed December 2, 2011 and U.S. Provisional Application No. 61/641,445, filed May 2, 2012, and including any subsequently filed applications in any country of the world, which claim priority to, and/or the benefit of any of U.S. Application No. 14/361,573, International Application No. PCT/US2012/067404, U.S. Provisional Application No. 61/566,365, and U.S. Provisional Application No. 61/641,445, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

PATENT REEL: 033621 FRAME: 0069 First Inventor

: Jonathan Kurtis

Application No. : 14/361,573

I.A. Filing Date : November 30, 2012

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I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 20 Au, 14	
Date: (C)	Signature of: Jonathan Kurtis
State of Rhode Island County of Greater Provi	
County of <u>Greater Provi</u>	dence

On this 20 day of Avgust, 2014, before me, the undersigned notary public, personally appeared Jonathan Kurtis, proved to me through satisfactory evidence of identification, which was a dervers license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

My commission expires OS/OI/2017 RJ # 20790

: Jonathan Kurtis First Inventor Application No. : 14/361,573 I.A. Filing Date: November 30, 2012 Page 3 of 4 Signature of: Christian Parcher Nixon State of Rhode Island
County of GREATER PROVIDENCE On this 20 day of August, 2014, before me, the undersigned notary public, personally appeared Christian Parcher Nixon, proved to me through satisfactory evidence of identification, which was a drivers /icems e to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief. Rotary Public 1 AND POSE GANTI My commission expires 08-01-2017 RIH 20790Date: 08/22/2019 Dipak Kumar Raj State of Rhode Island County of GREATER PRovidence

On this day of Agust, 2014, before me, the undersigned notary public, personally appeared **Dipak Kumar Raj**, proved to me through satisfactory evidence of identification, which was a day of identification, which was a day of identification, whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public LAURA ROSE GANTY

My commission expires 08-01-2017RIR 20790

; Jonathan Kurtis First Inventor Application No. : 14/361,573

I.A. Filing Date : November 30, 2012

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Signature of: Jennifer Frances Friedman State of RI
County of Providence

On this 20 day of August \_, 2014, before me, the undersigned notary public, personally appeared Jennifor Frances Friedman, proved to me through satisfactory evidence of identification, which was a davers license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.