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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANJAI KUMAR	11/09/2018
NITIN VERMA	11/06/2018
ANKIT PURI	11/06/2018

RECEIVING PARTY DATA

Name:	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
Street Address:	10903 NEW HAMPSHIRE AVENUE, WO1, ROOM 4213
Internal Address:	FOOD AND DRUG ADMINISTRATION, TECHNOLOGY TRANSFER PROGRAM
City:	SILVER SPRING
State/Country:	MARYLAND
Postal Code:	20993

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16761034

CORRESPONDENCE DATA

Fax Number: (503)595-5301

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5035955300

Email: gina.horton@klarquist.com

JODI L. CONNOLLY, KLARQUIST SPARKMAN LLP Correspondent Name:

Address Line 1: 121 SW SALMON ST., SUITE 1600 Address Line 2: ONE WORLD TRADE CENTER Address Line 4: PORTLAND, OREGON 97204-2927

ATTORNEY DOCKET NUMBER: 9531-99608-03 NAME OF SUBMITTER: JODI L. CONNOLLY SIGNATURE: /Jodi L. Connolly/ **DATE SIGNED:** 06/07/2020

Total Attachments: 3

PATENT REEL: 052860 FRAME: 0038 source=99608-03_ Assignment_FDA#page1.tif source=99608-03_ Assignment_FDA#page2.tif source=99608-03_ Assignment_FDA#page3.tif

> PATENT REEL: 052860 FRAME: 0039

ASSIGNMENT FOR FDA INVENTIONS AIA (FDA CO-INVENTORS ONLY)

WHEREAS, we, Sanjai Kumar, Nitin Verma, and Ankit Puri, employees and/or contractors of the Food and Drug Administration, are each employed and/or contracted by a component of the United States Department of Health and Human Services having an address at the Food and Drug Administration, Technology Transfer Program, 10903 New Hampshire Avenue, WO1, Room 4213, Silver Spring, MD 20993, and have, along with another, made certain inventions as described and claimed in:

U.S. Provisional Patent Application No. 62/580,588, filed on November 2, 2017, entitled "ENHANCED CHEMILUMINESCENT ENZYME-LINKED IMMUNOSORBENT ASSAY FOR DETECTION OF ANTIBODIES AGAINST BABESIA MICROTI;" and

PCT Patent Application No. PCT/US2018/058723, filed on November 1, 2018, entitled "ENHANCED CHEMILUMINESCENT ENZYME-LINKED IMMUNOSORBENT ASSAY FOR DETECTION OF ANTIBODIES AGAINST BABESIA MICROTI,"

both of which applications are collectively referred to herein as "The Patent Application(s)"; and

WHEREAS, we are inventor(s) named in The Patent Application(s); and

WHEREAS, the inventions described and claimed in The Patent Application(s) were made under conditions such as to entitle THE UNITED STATES OF AMERICA, as represented by the Secretary, Department of Health and Human Services [hereinafter THE GOVERNMENT] under Executive Order 10096 and its amendments, 35 U.S.C. §§200-201, §§206-207, and §210 and 37 C.F.R. Part 501 to our entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in The Patent Application(s);

NOW, THEREFORE, having the legal obligation to assign our right, title and interest in the inventions described and claimed in **The Patent Application(s)** to **THE GOVERNMENT**, having a place of business at the Food and Drug Administration, Technology Transfer Program, 10903 New Hampshire Avenue, WO1, Room 4213, Silver Spring, MD 20993, and for consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby assign and transfer to **THE GOVERNMENT**:

our entire right, title, and interest in and to any and all inventions described and claimed in **The Patent Application(s)** and any and all Letters Patent which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

all rights to claim priority on the basis of **The Patent Application(s)** including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

ASSIGNMENT - Page 1 of 3

PATENT REEL: 052860 FRAME: 0040 all applications for Letters Patent that may be filed for any and all inventions described and claimed in **The Patent Application(s)** that may be filed in any foreign country and all Letters Patent that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such Letters Patent as may be granted in the United States or any foreign country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventor(s) had this assignment not been made.

We further agree to make, execute, and deliver to **THE GOVERNMENT**, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention.

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor: Sanjai Kumar	
Date 11 / 9 / 2018	Songai Kuna Inventor Signature
County of Montgoney	
State of Manyland	
Subscribed and sworn to before me this $_$	9 day of November, 2018.
Seal	
ANTHONY LLOYD II Notary Public-Maryland	Notary Signature: Output The state of th
Montgomery County My Commission Expires February 26, 2022	Notary Public for the State of: Mary land
	My Commission Expires: <u>のり au ao a a</u>
	and the second of the second o

Inventor: Nitin Verma	
Date 11/06/2018	Inventor Signature
County of MONTGOM GNY	
State of MARY LAND	
Subscribed and sworn to before me this(OG day of NONEMBER , ZO18
THOMAS JOSEPH MARUNA Notary Public State of Maryland Montgomery County My commission exp. August 15, 2021	Notary Signature: Jamas Wanana Notary Public for the State of: Maryana My Commission Expires: 8 15 2021
Inventor: Ankit Puri	
Date <u>II/06(2018</u>	Inventor Signature
County of MONTGIONGRY	
State of MARYLAND	
Subscribed and sworn to before me this _O	6 day of November , 2018.
Seal	Notary Signature: Manas Marina.
THOMAS JOSEPH MARUNA Notary Public State of Maryland Montgomery County My commission exp. August 15, 2021	Notary Public for the State of: MpのLAND My Commission Expires: 8/15/2021

ASSIGNMENT - Page 3 of 3