503872759 06/15/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN LINDSTROM	02/19/2009
ALEXANDER KLIMOV	02/23/2009
NANCY COX	11/10/2008

RECEIVING PARTY DATA

Name:	THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15182852

CORRESPONDENCE DATA

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SIGNATURE:	/Sheree Lynn Rybak/	
DATE SIGNED:	06/15/2016	

PATENT 503872759 REEL: 038920 FRAME: 0307

Total Attachments: 4

source=Assignment (Lindstrom, Klimov & Cox to CDC)#page1.tif source=Assignment (Lindstrom, Klimov & Cox to CDC)#page2.tif source=Assignment (Lindstrom, Klimov & Cox to CDC)#page3.tif source=Assignment (Lindstrom, Klimov & Cox to CDC)#page4.tif

PATENT REEL: 038920 FRAME: 0308

ASSIGNMENT

We, Stephen Lindstrom, of Doravilla, Georgia, Alexander Klimov, of Atlanta, Georgia, and Nancy Cox, of Atlanta, Georgia, have, with Lamorris Loftin, co-invented PRIMERS AND PROBES FOR DETECTION AND DISCRIMINATION OF TYPES AND SUBTYPES OF INFLUENZA VIRUSES. This is an Assignment of the following rights, title and interest:

United States of America rights, title and interest in the invention.
Foreign rights, title and interest in the invention.
U.S. Provisional Patent Application Serial No. 60/772,806 filed on February 13, 2006
☐ International PCT Patent Application Serial No. PCT/US2007/003646 filed on
February 12, 2007.
U.S. Patent Application Serial No. 12/191 186 filed on August 13, 2008

We were employed by the Department of Health and Human Services at the time the invention was made. The conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

In consideration of our obligations under Executive Order 10096, and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Centers for Disease Control and Prevention (hereinafter THE GOVERNMENT), and successors and assigns, our full and exclusive right, title, and interest in the patent application and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We authorize and request the issuance of said Letters Patent to THE GOVERNMENT, as assignee of our entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

We also agree upon reasonable request to communicate to THE GOVERNMENT, its

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representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid THE GOVERNMENT and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

We have authorized THE GOVERNMENT to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. THE GOVERNMENT has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

We grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Feb. 19, 200 9

Stephen Lindstrom

STATE OF <u>Georgia</u>

COUNTY OF Delca/b

This 19 day of <u>Tebruary</u>, 2008, before me personally came the above-named Stephen Lindstrom, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Stephen Lindstrom's own free will for the purpose set forth therein.

Notary Public for <u>Reck</u> My commission expires:

[SEAL]

FRANCISCO J. CANDAL
NOTARY PUBLIC
Rockdale County
State of Georgia
My Comm. Expires Feb. 13, 2010

IJG/WDN:csw 6395-70490-03 I-007-05 01/29/09	
Dated: $02/23/09$	Alexander Klimov
STATE OF Georgia) ss. COUNTY OF Delab) ss. This 23 day of February ,2008, bef Alexander Klimov, who executed the foregoing acknowledged to me that this instrument was exerthe purpose set forth therein.	
[SEAL] Dated:	Notary Public for My commission expires: FRANCISCO J. CANDAL NOTARY PUBLIC Rockdale County State of Georgia My Comm. Expires Feb. 13, 2010 Nancy Cox
STATE OF) ss. COUNTY OF)	·
This day of,2008, before me personally came the above-named Nancy Cox, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Nancy Cox's own free will for the purpose set forth therein.	

[SEAL]

Dated:	
	Alexander Klinmov
STATE OF	
COUNTY OF) ss.	
Thisday of,2008, before Alexander Klinmov, who executed the foregoing acknowledged to me that this instrument was exe the purpose set forth therein.	Assignment in my presence, and who
	Notary Public for
	My commission expires:
[SEAL]	
Dated: 11/10/08	Nancy Cox
COUNTY OF Data/b ss.	
	ore me personally came the above-named Nancy my presence, and who acknowledged to me that on free will for the purpose set forth therein.
	Francisco J. Ronfal
	Notary Public for Keckdole County, Georgia My commission expires: Feb. 13, 2010
[SEAL]	FRANCISCO J. CANDAL NOTARY PUBLIC Rockdale County State of Georgia My Comm. Expires Feb. 13, 2010

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