503800923 04/27/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DENNIS C. LIOTTA	03/04/2014
GEORGE R. PAINTER	03/04/2014
GREGORY R. BLUEMLING	03/04/2014
ABEL DE LA ROSA	03/04/2014

RECEIVING PARTY DATA

Name:	EMORY UNIVERSITY	
Street Address:	1599 CLIFTON ROAD, 4TH FLOOR	
City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30322	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14917681

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER: 18085.105513

NAME OF SUBMITTER: MARK RUSSELL

SIGNATURE: /Mark Russell/

DATE SIGNED: 04/27/2016

Total Attachments: 2

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PATENT 503800923 REEL: 038390 FRAME: 0210

ASSIGNMENT

WHEREAS, we, Dennis C. Liotta of Atlanta, Georgia; George R. Painter of Atlanta,

Georgia; Gregory R. Bluemling of Lithonia, Georgia; and Abel de la Rosa of Atlanta, Georgia

have invented certain inventions and improvements disclosed in a provisional patent application

entitled "Nucleotide and Nucleoside Therapeutics Compositions and Uses Related Thereto"

filed in the United States Patent and Trademark Office on September 11, 2013, and assigned

U.S. Provisional Patent Application No. 61/876,473; and

WHEREAS, Emory University, a Georgia nonprofit corporation with offices locates at

1599 Clifton Road, 4th Floor, Atlanta, Georgia 30322, is desirous of acquiring an interest in the

same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of

which we hereby acknowledge, we, Dennis C. Liotta, George R. Painter, Gregory R.

Bluemling, and Abel de la Rosa, by these presents do sell, assign, and transfer to Emory

University the full, exclusive, and entire right, title, and interest in and to said provisional

application, and in and to all inventions and improvements disclosed and described in said

provisional application;

For the same consideration, we, by these presents, do sell, assign, and transfer to **Emory**

University the full, exclusive, and entire right, title, and interest in and to any U.S.

nonprovisional or foreign application or applications corresponding to said provisional

application, in whole or in part, and to any Letters Patent and similar protective rights granted on

said U.S. nonprovisional or foreign applications, and in and to the right to claim any applicable

priority rights arising from or required for said U.S. nonprovisional or foreign applications under

the terms of any applicable conventions, treaties, statutes, or regulations; said U.S.

nonprovisional or foreign applications to be filed and issued in the name of Emory University

or its designee insofar as permitted by applicable law;

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AND, for the same consideration, we agree to sign all lawful papers, execute all nonprovisional applications and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Emory University**, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Date: 3 4 2014

Dennis C. Liotta

Date: 3 4 2014

By: <u>//////</u> George R/Painter

Date: 3/4/2014

Gregory R. Bluemling

Date: 3/4/2014

Abel de la Rosa