# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4944782

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
GORDON J. LUTZ	09/21/2011
MELANIE K. TALLENT	09/21/2011
NICOLE MICHELE LYKENS	09/21/2011

### **RECEIVING PARTY DATA**

Name:	PHILADELPHIA HEALTH & EDUCATION CORPORATION D/B/A DREXEL UNIVERSITY COLLEGE OF MEDICINE
Street Address:	245 N. 15TH STREET
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19102

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

Property Type	Number
Application Number:	15833539

### **CORRESPONDENCE DATA**

**Fax Number:** (215)540-5818

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:** 2155409200

Email:docketing@howsoniplaw.comCorrespondent Name:HOWSON & HOWSON LLPAddress Line 1:350 SENTRY PARKWAYAddress Line 2:BUILDING 620, SUITE 210

Address Line 4: BLUE BELL, PENNSYLVANIA 19422

ATTORNEY DOCKET NUMBER: DRX-08-0899C1-USA	
NAME OF SUBMITTER:	HAO WU
SIGNATURE:	/HaoWu/
DATE SIGNED:	05/03/2018

**Total Attachments: 3** 

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PATENT REEL: 045706 FRAME: 0707

#### ASSIGNMENT

WHEREAS, Gordon J. Lutz, Melanie K. Tallent, and Nicole Michele Lykens, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled MODULATION OF pre-mRNA USING SPLICE MODULATING OLIGONUCLEOTIDES AS THERAPEUTIC AGENTS IN THE TREATMENT OF DISEASE, said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been assigned US Patent Application No. 61/144,543, filed January 14, 2009, and International Patent Application No. PCT/US2010/021078, filed January 14, 2010;

WHEREAS, Philadelphia Health & Education Corporation d/b/a Drexel University College of Medicine, a 501(c)(3) Pennsylvania nonprofit corporation with an address at 245 N. 15th Street, Philadelphia, PA 19102, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefore;

NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and by any all subsequently filed provisional, nonprovisional, continuation, continuation-in-part, divisional, an all substitutes thereof, and in and to any and all Letters Patent and legal equivalents thereof resulting therefrom, including any and all reissues, re-examinations and extensions;

And ASSIGNORS hereby authorize and request the Director of the USPTO to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as owner of all right, title and interest therein;

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent of said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns;

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	IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.  Date 5-14-21, 201/ Gordon J. Lutz (SEAL)
	NOTARIAL CERTIFICATE
	State of PA:  State of PA:  Section:  Section:
	Before me, the undersigned, a notary public, in and for the county aforesaid, on this about day of, 2011, personally appeared Gordon J. Lutz to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.
MN	ONWEALTH OF PENNSYLVANIA Notary Public
J: My emb	Notarial Seal Dan F. Rosengarten, Notary Public Tredyffin Type, Chester Ceunty of Commission Sealing May 17, 2013 Accommission Sealing May 17, 2013 Melanie K. Tallent
	NOTARIAL CERTIFICATE
	State of PA : ss. County of Claster :
	Before me, the indersigned, a notary public, in and for the county aforesaid, on this

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Joan F. Rosengarten, Notary Public
Tredyffrin Twp., Chester County
My Commission Expires May 17, 2012
Member, Senisvivania Association of Notaries

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Date 9/2/2011

Micole Michele Lykers (SEAL)

Notary Public

## NOTARIAL CERTIFICATE

State of MA

:

County of Clester

: SS.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 1 day of 2011, personally appeared Nicole Michele Lykens to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Joan F. Rosengarten, Notary Public
Tredyffrin Twp., Chester County
My Commission Expires May 17, 2012

Member, Pennsylvania Association of Notaries

PATENT

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**RECORDED: 05/03/2018**