503533477 10/21/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	10/20/2015

RECEIVING PARTY DATA

Name:	DANITH LY	
Street Address:	1412 BOWER HILL ROAD	
City:	PITTSBURGH	
State/Country:	PENNSYLVANIA	
Postal Code:	15243	

PROPERTY NUMBERS Total: 6

Property Type	Number
Application Number:	61287341
Application Number:	61324649
PCT Number:	US1061065
Application Number:	13491343
Application Number:	14245911
Application Number:	14739990

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	072396.0490
NAME OF SUBMITTER:	LISA B. KOLE
SIGNATURE:	/LISA B. KOLE/
DATE SIGNED:	10/21/2015

PATENT 503533477 REEL: 036847 FRAME: 0717

Total Attachments: 3 source=490asg#page1.tif source=490asg#page2.tif source=490asg#page3.tif

PATENT REEL: 036847 FRAME: 0718

WORLDWIDE ASSIGNMENT

WHEREAS, Danith Ly, a citizen of the United States, whose post office address is 1412 Bower Hill Road, Pittsburgh, Pennsylvania 15243, and who is an employee of CARNEGIE MELLON UNIVERSITY, a corporation organized and existing under the laws of the United States, having its principal place of business at 5000 Forbes Avenue, Pittsburgh, Pennsylvania 15213, jointly invented, together with Jennifer R. Grandis and Daniel Johnson, who were or are, respectively, employees of UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, a new invention as disclosed in patent applications entitled "STABILIZED STAT3 DECOY OLIGONUCLEOTIDES AND USES THEREFOR," identified by Attorney Docket Nos. 072396.0490, 072396.0550, and 072396.0598, for which

	is being filed concurrently with the recordation of this Assignment.
\boxtimes	the Provisional Application was filed on <u>December 17, 2009</u> as Application No.
	<u>61/287,341;</u>
\boxtimes	the Provisional Application was filed on April 15, 2010 as Application No. 61/324,649
\boxtimes	the PCT Application was filed on December 17, 2010 as Application No.
	PCT/US2010/061065;
\boxtimes	a U.S. Application was filed on June 7, 2012 as Application No. 13/491,343, which
	issued as U.S. Patent No. <u>8,722,640</u> ;
\boxtimes	a U.S. Application was filed on April 4, 2014 as Application No. 14/245,911, which
	issued as U.S. Patent No. 9,062,121; and
\boxtimes	a U.S. Application was filed on June 15, 2015 as Application No. 14/739,990,

WHEREAS, Jennifer R. Grandis and Daniel Johnson have assigned their entire right, title and interest in, to and under the invention and said above-listed applications to UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, a corporation organized and existing under the laws of the United States, having its principal place of business at 200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, Pennsylvania 15260, said Assignments having been recorded with the United States Patent and Trademark Office at reel 024401 and frame 0784, and reel 028674 and frame 0367;

WHEREAS, Danith Ly, by unintentional error, and without deceptive intent, executed an Assignment to UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH

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SYSTEM OF HIGHER EDUCATION, said Assignment having been recorded with the United States Patent and Trademark Office at reel 028674 and frame 0367,

WHEREIN, Danith Ly is desirous of reacquiring rights he conveyed by the recorded Assignment so that he can properly assign his entire rights, title and interest in, to and under the said invention and the said applications to CARNEGIE MELLON UNIVERSITY such that UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION and CARNEGIE MELLON UNIVERSITY will be co-assignees of said invention and said applications:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION (hereinafter referred to as "ASSIGNOR") has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto Danith Ly (hereinafter referred to as "ASSIGNEE"), his successors, legal representatives and assigns, any right, title and interest, that were previously sold, assigned, transferred and set over by Danith Ly to UNIVERSITY OF PITTSBURGH -OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION pursuant to the Assignment recorded with the United States Patent and Trademark Office at reel 028674 and frame 0367, in, to and under said invention, said United States provisional applications, PCT application, and applications for United States Letters Patent, and said invention in all applications claiming priority thereto or converted therefrom, and all divisions, renewals, continuations and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said applications above under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof,

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IN WITNESS WHEREOF, I have	e hereunto set my hand and seal this 20th day of October,	
2015.	K .	
	Geovette E. Washington Chief Legal Officer	
	*Admitted to practice in Georgia and the District of Columbia. Application for admission to Pennsylvania Bar pending. for and on behalf of	
	UNIVERSITY OF PITTSBURGH – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	
Witness: <u>Laurie Alallu</u> Lauric A. Sallon	[signature]	
Lauric A. Sallon	/S [name]	
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