506123595 06/24/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6170320

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EMORY UNIVERSITY	01/09/2020

RECEIVING PARTY DATA

Name:	EMORY UNIVERSITY
Street Address:	1599 CLIFTON ROAD, 4TH FLOOR
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30322
Name:	THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS
Street Address:	810 VERMONT AVE NW
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20420

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62340586
Application Number:	16304549

CORRESPONDENCE DATA

Fax Number: (404)727-1271

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: 404-727-2211

Email: ottip@emory.edu

Correspondent Name: EMORY UNIVERSITY

Address Line 1: 1599 CLIFTON ROAD NE, 4TH FLOOR Address Line 2: OFFICE OF TECHNOLOGY TRANSFER

Address Line 4: ATLANTA, GEORGIA 30322

ATTORNEY DOCKET NUMBER:	16116 EMORY VA
NAME OF SUBMITTER:	KRISTI REBEL
SIGNATURE:	/Kristi L. Rebel/

PATENT 506123595 REEL: 053030 FRAME: 0808

DATE SIGNED: 06/24/2020

Total Attachments: 3
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PATENT REEL: 053030 FRAME: 0809 Emory Docket No.: 16116 PROV, 16116 PCT, 16116 US, 16116 EP

ASSIGNMENT

WHEREAS, **EMORY UNIVERSITY**, a Georgia nonprofit corporation with offices located at 1599 Clifton Road, 4th Floor, Atlanta, Georgia 30322, hereinafter referred to as ASSIGNOR, is the Assignee for the right, title, and interest in the rights derived from **Cherry Wongtrakool of Atlanta**, **GA** in the following patent application(s):

- U.S. Provisional Patent Application No. 62/340,586, filed on May 24, 2016, entitled "Inhaled DNAzyme-Nanoparticle Conjugates to Treat Chronic Inflammation in the Lung,"
- PCT Patent Application No. PCT/US2017/034268, filed on May 24, 2017, entitled "Particles with RNA Cleaving Nucleobase Polymers and Uses for Managing Inflammatory Disorders,"

and an Assignment of these rights from Cherry Wongtrakool to EMORY UNIVERSITY is recorded at Reel 048535 and Frame 0461; and

- U.S. Patent Application No. 16/304,549, filed on November 26, 2018, entitled "Particles with RNA Cleaving Nucleobase Polymers and Uses for Managing Inflammatory Disorders,"
- European Patent Application No. . 17803507.7, filed on December 19, 2018, entitled "Particles with RNA Cleaving Nucleobase Polymers and Uses for Managing Inflammatory Disorders,"

claim the benefit of priority to the above-listed provisional and PCT applications; which applications listed are collectively referred to as "the patent applications;" and

NOW, THEREFORE, for good and valuable consideration received, the sufficiency and adequacy of which are hereby acknowledged, EMORY UNIVERSITY, sell, assign and transfer unto EMORY UNIVERSITY and THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, with offices located at 810 Vermont Ave NW, Washington, D.C., 20420, an undivided joint interest in the entirety of the ASSIGNOR's right, and title in and to said invention throughout the world obtained from Cherry Wongtrakool, including, without limitation, any U.S. or foreign patent rights, any applications derived from or claiming a right of priority from any of these applications, the right to

PATENT REEL: 053030 FRAME: 0810 file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, reexaminations, and extensions thereof;

AND, we, EMORY UNIVERSITY and THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid our legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

IN WITNESS WHEREOF, this assignment is executed on the day indicated below.

EMORY UNIVERSITY				
By: 💆	21-45	Date:	January 9, 2020	
Name	Laura Fahey Fritts, JD, MPH			
Title	Director, License and Patent Strategy and			

ACCEPTED BY:

Chief Intellectual Property Officer

EMORY UNIVERSITY	THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS
1 10. L.A	AFFAIRS
By:	By:Name
Title Director, License and Patent Strategy and Chief Intellectual Property Officer	Title
Date: January 9, 2020	Date:

Emory Docket No.: 16116 PROV, 16116 PCT, 16116 US, 16116 EP Application Serial Nos.: 62/340,586, PCT/US2017/034268, 16/304,549, 17803507.7

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file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, reexaminations, and extensions thereof;

AND, we, EMORY UNIVERSITY and THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid our legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

IN WITNESS WHEREOF, this assignment is executed on the day indicated below.

EMORY UNIVERSITY

By:		Date:
Name	Laura Fahey Fritts, JD, MPH	
Title	Director, License and Patent Strategy and Chief Intellectual Property Officer	

ACCEPTED BY:

EMORY UNIVERSITY	THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE
	DEPARTMENT OF VETERANS
By:	AFFAIRS
Name Laura Fahey Fritts, JD, MPH	Name Mailhey Taster
Title Director, License and Patent Strategy and Chief Intellectual Property Officer	Title Attorney, US Dept of Williams Man
Date:	Date: Jana 21,2010

PATENT REEL: 053030 FRAME: 0812