505690202 09/25/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIZHAO WANG	09/23/2019

RECEIVING PARTY DATA

Name:	VIGENE BIOSCIENCES, INC.	
Street Address:	9430 KEY WEST AVENUE	
Internal Address:	SUITE 105	
City:	ROCKVILLE	
State/Country:	MARYLAND	
Postal Code:	20850	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16512194

CORRESPONDENCE DATA

Fax Number: (301)825-8975

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: 3019630717

Email: epatent@ipatlaw.com

Correspondent Name: JEFFREY I. AUERBACH

Address Line 1: 2200 RESEARCH BLVD.

Address Line 2: SUITE 560

Address Line 4: ROCKVILLE, MARYLAND 20850

ATTORNEY DOCKET NUMBER:	2650.0004US	
NAME OF SUBMITTER:	JEFFREY I. AUERBACH	
SIGNATURE:	/Jeffrey I. Auerbach/	
DATE SIGNED:	09/25/2019	

Total Attachments: 1

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PATENT 505690202 REEL: 050488 FRAME: 0777

OF ASSIGNMENT RE

For good and valuable consideration, the receipt of which is hereby acknowledged, paid to **Qizhao Wang**, a citizen of China, having an address c/o Vigene Biosciences, Inc., 9430 Key West Ave. Suite 105, Rockville, MD 20850 US (the "Undersigned Inventor"), and in confirmation of a prior-existing obligation to do so, such Undersigned Inventor hereby promises to sell and assign, and hereby does presently sell and presently assign, to **Vigene Biosciences Inc.** (the "Assignee") having a place of business at 9430 Key West Ave., Suite 105, Rockville, MD 20850 US (and hereby confirms any such prior sale and assignment to such Assignee of) his entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100) and throughout the World in all invention(s) described or claimed in applications for patent in the United States of America entitled.

Recombinantly-Modified Adeno-Associated Virus Helper Vectors and Their Use to Improve the Packaging Efficiency of Recombinantly-Modified Adeno-Associated Virus

which applications for patent are also known as:

United States Patent Application Serial No. 16/512,194 (filed on July 15, 2019)

and in any and all applications thereor, including any and all divisional, continuation and continuation-in-part applications thereof, any and all reissues, extensions, renewals, and reasonmentions thereof, and any and all foreign counterpart patent applications thereof, and in any and all Letters Patent(s) granted therefor, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this Assignment, such entire right, fitte and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the Undersigned Inventor had this Assignment and sale not been made.

The Undersigned Inventor agrees to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignce may deem necessary or expedient.

The Undersigned Inventor agrees to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The condensigned inventor hereby represents that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict therewith.

The Undersigned Inventor hereby grants Jeffrey L. Auerbach, Reg. No. 32,680 the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the Undersigned Inventor on the date opposite his name.

Date

NUMBER Of Oliohan U.s.

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4/27/2019