506299865 10/13/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6346615

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL PARTRIDGE	09/22/2020
GIANE OLIVEIRA SUMNER	09/23/2020
JOSHUA ZYLSTRA	09/25/2020

RECEIVING PARTY DATA

Name:	REGENERON PHARMACEUTICALS, INC.
Street Address:	777 OLD SAW MILL RIVER ROAD
City:	TARRYTOWN
State/Country:	NEW YORK
Postal Code:	10591-6707

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17046200

CORRESPONDENCE DATA

Fax Number: (404)685-6905

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: 4048153500

Email: sdunn@sgrlaw.com

Correspondent Name: CHARLES VORNDRAN, SMITH, GAMBRELL & RUSSELL, LLP

Address Line 1: 1230 PEACHTREE STREET, N.E.

Address Line 2: SUITE 3100 PROMENADE Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	064752.019US1
NAME OF SUBMITTER:	CHARLES VORNDRAN
SIGNATURE:	/Charles Vorndran/
DATE SIGNED:	10/13/2020

Total Attachments: 6

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PATENT 506299865 REEL: 054035 FRAME: 0274

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> PATENT REEL: 054035 FRAME: 0275

Application No.: PCT/US2019/026699

ASSIGNMENT

WHEREAS, WE, Michael PARTRIDGE, residing at 60 Fairway Drive, Eastchester, NY 10709, a citizen of the United States of America, Giane OLIVEIRA SUMNER, residing at 10 Cobbler Lane, Mahwah, NJ 07430, a citizen of Brazil, and Joshua ZYLSTRA, residing at 11 Lafontan Road, South Kent, CT 06785, a citizen of the United States of America, made certain new and useful inventions and improvements for which we filed International Application Number PCT/US2019/026699, on April 10, 2019, designating the United States of America, which is entitled METHODS AND COMPOSITIONS FOR QUANTIFYING IL-33 and claiming priority to Provisional Application Number 62/655,887 filed on April 11, 2018.

AND WHEREAS, **Regeneron Pharmaceuticals**, **Inc.**, a corporation organized and existing under and by virtue of the laws of the State of New York, and having an office and place of business at 777 Old Saw Mill River Road, Tarrytown, New York 10591 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs, and in and to any and all applications which have been or shall be filed in any country or countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other available international agreement or under the domestic laws of the country in which any such application is filed, as may be applicable, and all Letters Patent of a country or countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns;

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

Application No.: PCT/US2019/026699

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this	22	day of	September MONTH	, 2020
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		I PARTRID	GE	
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	Giane (OLIVEIRA	SUMNER	
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IN TESTIMONY WHEREOF, I have hereunto set my hand this		day of		, 2020
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NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs, and in and to any and all applications which have been or shall be filed in any country or countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other available international agreement or under the domestic laws of the country in which any such application is filed, as may be applicable, and all Letters Patent of a country or countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns;

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IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of		, 2020.
	DAY	MONTH	
	Michael PA	RTRIDGE	***************************************
IN TESTIMONY WHEREOF, I have hereunto set my hand this	23 d	ay of <u>September</u> MONTH	, 2020.
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IN TESTIMONY WHEREOF, I have hereunto set my hand this	DAY d	ay ofMONTH	, 2020.
	Joshua ZV	LSTRA	ALEALERD

Application No.: PCT/US2019/026699

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	Giane OLIVEI	RA SUMNER	
IN TESTIMONY WHEREOF, I have hereunto set my hand this	25day o	f September MONTH	, 2020
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Page 2 of 2