506599383 04/08/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6646188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAISUKE KAJIMURA	03/05/2021
AARTI SHARMA-KANNING	04/06/2021
BRITTANY DUBOSE	03/02/2021
GUSTAVO DROGUETT	03/04/2021
CHIA-JEN SIAO	03/10/2021
JUNKO KUNO	03/03/2021
DAVID FRENDEWEY	04/06/2021
BRIAN ZAMBROWICZ	03/02/2021

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:	16713834

CORRESPONDENCE DATA

Fax Number: (919)862-2260

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: 919-862-2200

Email: lorraine.pineda@alston.com

Correspondent Name: ALSTON & BIRD

Address Line 1: 555 FAYETTEVILLE STREET

Address Line 2: SUITE 600

Address Line 4: RALEIGH, NORTH CAROLINA 27601

ATTORNEY DOCKET NUMBER:	057766/540526
NAME OF SUBMITTER:	STEPHEN H. SCHILLING
SIGNATURE:	/Stephen H. Schilling/

DATE SIGNED:	04/08/2021
Total Attachments: 16	
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ASSIGNMENT

WHEREAS, WE, Daisuke KAJIMURA, residing at 187 Webber Avenue, Sleepy Hollow, NY 10591, a citizen of Japan, Aarti SHARMA-KANNING, residing at 526 Blinn Road, Croton-On-Hudson, NY 10520, a citizen of the United Kingdom, Brittany DUBOSE, residing at 15 W 139th Street, Apartment 6A, New York, NY 10037, a citizen of the United States of America, Gustavo DROGUETT, residing at 4 Virginia Street, New City, NY 10956, a citizen of the United States of America, Chia-Jen SIAO, residing at 12 E 86th Street, Apartment 1409, New York, NY 10028, a citizen of the United States of America, Junko KUNO, residing at 1565 Route 292, Holmes, NY 12531, a citizen of Japan, David FRENDEWEY, residing at 330 E 38th Street, Apartment 53A, New York, NY 10016, a citizen of the United States of America, and Brian ZAMBROWICZ, residing at 250 Kelbourne Avenue, Sleepy Hollow, NY 10591, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the invention(s) disclosed and/or claimed in the following patent application:

"NUCLEASE-MEDIATED REPEAT EXPANSION"

U.S. Application No. 16/713,834; filed December 13, 2019

WHEREAS, REGENERON PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called "ASSIGNEE") is desirous of acquiring our entire right, title and interest in, to, and under said applications;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, said ASSIGNORS, have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described patent applications, and in and to said patent applications and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents which may be granted thereon and all reexamination certificates, amendments, and reissues 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 inventions in any country or countries foreign to 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 patent applications under the Patent Laws of the United States or any other country or countries foreign to the United States, the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other applicable international agreement or under the domestic laws of the country in which any such patent 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 inventions in any country or countries foreign to the United States and all extensions, renewals, reexamination certificates, amendments, and reissues thereof;

AND WE 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 said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire interest hereinafter assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful

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papers, execute all divisional, continuing, continuation-in-part, reissue, reexamination, and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year set opposite our signatures.

Date: 3 5 202	10-24
Date:	Dalsuko KAJIMURA
Date:	Aarti SHARMA-KANNING
Date:	
	Brittany DUBOSE
Date:	Gustavo DROGUETT
Date:	
	Chia-Jen SIAO
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Date:	
Date: 4 6 202	Daisuke KAJIMURA Aarti SHARMA-KANNING
Date:	Brittany DUBOSE
Date:	Gustavo DROGUETT
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Date: 3/2/202]	4nth D
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"NUCLEASE-MEDIATED REPE

U.S. Application No. 18/713 824.81-

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U.S. Application No. 16/713,834; filed December 13, 2019

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Date:	Daisuke KAJIMURA
Date:	Asiti Sharma-Kanning
Date:	Brittany DUBOSE
Date:	Gustavo DNOGUETT
Date: DM VDV	Chia-Jen SIAO
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Page 1 of 2

ASSIGNMENT

WHEREAS, WE, Daisuke KAJIMURA, residing at 187 Webber Avenue, Sleepy Hollow, NY 10591, a citizen of Japan, Aarti SHARMA-KANNING, residing at 526 Blinn Road, Croton-On-Hudson, NY 10520, a citizen of the United Kingdom, Brittany DUBOSE, residing at 15 W 139th Street, Apartment 6A, New York, NY 10037, a citizen of the United States of America, Gustavo DROGUETT, residing at 4 Virginia Street, New City, NY 10956, a citizen of the United States of America, Chia-Jen SIAO, residing at 12 E 86th Street, Apartment 1409, New York, NY 10028, a citizen of the United States of America, Junko KUNO, residing at 1565 Route 292, Holmes, NY 12531, a citizen of Japan, David FRENDEWEY, residing at 330 E 38th Street, Apartment 53A, New York, NY 10016, a citizen of the United States of America, and Brian ZAMBROWICZ, residing at 250 Kelbourne Avenue, Sleepy Hollow, NY 10591, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the invention(s) disclosed and/or claimed in the following patent application:

"NUCLEASE-MEDIATED REPEAT EXPANSION"

U.S. Application No. 16/713,834; filed December 13, 2019

WHEREAS, REGENERON PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called "ASSIGNEE") is desirous of acquiring our entire right, title and interest in, to, and under said applications;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, said ASSIGNORS, have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described patent applications, and in and to said patent applications and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents which may be granted thereon and all reexamination certificates, amendments, and reissues 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 inventions in any country or countries foreign to 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 patent applications under the Patent Laws of the United States or any other country or countries foreign to the United States, the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other applicable international agreement or under the domestic laws of the country in which any such patent 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 inventions in any country or countries foreign to the United States and all extensions, renewals, reexamination certificates, amendments, and reissues thereof;

AND WE 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 said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire interest hereinafter assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful

ASSIGNMENT Page 2 of 2

papers, execute all divisional, continuing, continuation-in-part, reissue, reexamination, and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

Date:	Dalsuke KAJIMURA
Date:	Agri SHARMA-KANNING
Date:	Brittany DUBOSE
Date:	Gustavo DROGUETT
Date:	Chia-Jon SIAO
Date:	Junko KUNO
Date: 06-April -2021	David Frendewey
Date:	Reien ZAMRROWICZ

Page 1 of 2

ASSIGNMENT

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IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year set opposite our signatures.

Date:	
	Daisuke KAJIMURA
Date:	E. of Wild Page & Gashing
	Aarti SHARMA-KANNING
Date:	Brittany DUBOSE
Date:	
	Gustavo DROGUETT
Date:	
	Chia-Jen SIAO
Date:	Junko KUNO
Date:	
1 / /	David FRENDEWEY
Date:3/ 3/ 3/3/	Di Do
	Brian ZAMBROWICZ