

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7574063

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LUCA ANDREA LOTTA	04/04/2022
PARSA AKBARI	04/20/2022
OLUKAYODE SOSINA	09/18/2022
MANUEL ALLEN REVEZ FERREIRA	09/13/2022
ARIS BARAS	10/03/2022
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:	17823586
CORRESPONDENCE DATA	
Fax Number:	(215)405-9070
<i>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.</i>	
Phone:	2677802005
Email:	chill@atllp.com
Correspondent Name:	PAUL K. LEGAARD, ESQ.
Address Line 1:	2005 MARKET STREET, 29TH FLOOR
Address Line 2:	ARMSTRONG TEASDALE LLP
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	38120-3581US
NAME OF SUBMITTER:	CATHERINE HILL
SIGNATURE:	/Catherine Hill/
DATE SIGNED:	10/04/2022
Total Attachments: 10	

source=89120-3581US-ExecAsn#page1.tif
source=89120-3581US-ExecAsn#page2.tif
source=89120-3581US-ExecAsn#page3.tif
source=89120-3581US-ExecAsn#page4.tif
source=89120-3581US-ExecAsn#page5.tif
source=89120-3581US-ExecAsn#page6.tif
source=89120-3581US-ExecAsn#page7.tif
source=89120-3581US-ExecAsn#page8.tif
source=89120-3581US-ExecAsn#page9.tif
source=89120-3581US-ExecAsn#page10.tif

ASSIGNMENT

WHEREAS, WE, Luca Andrea LOTTA, residing at 29C Windle Park, Tarrytown, New York 10591, a citizen of Italy, **Parsa AKBARI**, residing at 21 Hobsic Lane, Selston, NG166FE United Kingdom, a citizen of the United Kingdom, **Olukayode SOSINA**, residing at 17 Granada Crescent, Apartment 8, White Plains, New York 10603, a citizen of Nigeria, **Manuel Allen Revez FERREIRA**, residing at 26 Hix Avenue, Rye, New York 10580, a citizen of Australia and Portugal, and **Aris BARAS**, residing at 20 Hollow Ridge Road, Bedford Corners, New York 10549, 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:

"Methods Of Treating Metabolic Disorders And Cardiovascular Disease With Inhibin Subunit Beta E (INHBE) Inhibitors"

U.S. Serial No. 17/549,692; filed December 13, 2021

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 application;

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 application, and in and to said patent application 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 application 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 application 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 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: 04/04/2022



Luca Andrea LOTTA

Date: _____

Parsa AKBARI

Date: _____

Olukayode SOSINA

Date: _____

Manuel Allen Revez FERREIRA

Date: _____

Aris BARAS

ASSIGNMENT

WHEREAS, WE, Luca Andrea LOTTA, residing at 29C Windle Park, Tarrytown, New York 10591, a citizen of Italy, **Parsa AKBARI**, residing at 21 Hobsic Lane, Selston, NG166FE United Kingdom, a citizen of the United Kingdom, **Olukayode SOSINA**, residing at 17 Granada Crescent, Apartment 8, White Plains, New York 10603, a citizen of Nigeria, **Manuel Allen Revez FERREIRA**, residing at 26 Hix Avenue, Rye, New York 10580, a citizen of Australia and Portugal, and **Aris BARAS**, residing at 20 Hollow Ridge Road, Bedford Corners, New York 10549, 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:

"Methods Of Treating Metabolic Disorders And Cardiovascular Disease With Inhibin Subunit Beta E (INHBE) Inhibitors"

U.S. Serial No. 17/549,692; filed December 13, 2021

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 application;

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 application, and in and to said patent application 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 application 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 application 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 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: _____

Luca Andrea LOTTA

Date: 04/20/22

Parsa Akbari
Parsa AKBARI

Date: _____

Olukayode SOSINA

Date: _____

Manuel Allen Revaz FERREIRA

Date: _____

Aris BARAS

ASSIGNMENT

WHEREAS, WE, Luca Andrea LOTTA, residing at 29C Windle Park, Tarrytown, New York 10591, a citizen of Italy, Parsa AKBARI, residing at 21 Hobeic Lane, Selston, NG166FE United Kingdom, a citizen of the United Kingdom, Olukayode SOSINA, residing at 17 Granada Crescent, Apartment 8, White Plains, New York 10603, a citizen of Nigeria, Manuel Afon Revez FERREIRA, residing at 26 Hix Avenue, Rye, New York 10580, a citizen of Australia and Portugal, and Aris BARAS, residing at 20 Hollow Ridge Road, Bedford Corners, New York 10549, 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:

"Methods Of Treating Metabolic Disorders And Cardiovascular Disease With Inhibin Subunit Beta E (INHBE) Inhibitors"
U.S. Serial No. 17/549,692; filed December 13, 2021

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 application;

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 application, and in and to said patent application 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 application 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 application 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 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: _____

Luca Andrea LOTTA

Date: _____

Parisa AKBARI

Date: 09/18/2022

Olukayode SOSINA

Date: _____

Mantuel Allen Revaz FERREIRA

Date: _____

Aris BARAS

ASSIGNMENT

WHEREAS, WE, Luca Andrea LOTTA, residing at 29C Windle Park, Tarrytown, New York 10591, a citizen of Italy, **Parsa AKBARI**, residing at 21 Hobsic Lane, Selston, NG166FE United Kingdom, a citizen of the United Kingdom, **Olukayode SOSINA**, residing at 17 Granada Crescent, Apartment 8, White Plains, New York 10603, a citizen of Nigeria, **Manuel Allen Revez FERREIRA**, residing at 26 Hix Avenue, Rye, New York 10580, a citizen of Australia and Portugal, and **Aris BARAS**, residing at 20 Hollow Ridge Road, Bedford Corners, New York 10549, 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:

"Methods Of Treating Metabolic Disorders And Cardiovascular Disease With Inhibin Subunit Beta E (INHBE) Inhibitors"

U.S. Serial No. 17/549,692; filed December 13, 2021

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 application;

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 application, and in and to said patent application 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 application 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 application 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 papers, execute all divisional, continuing, continuation-in-part, reissue, reexamination, and foreign applications, make all rightful claims, 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: _____

Luca Andrea LOTTA

Date: _____

Parsa AKBARI

Date: _____

Olukayode SOSINA

Date: 13 Sept 2022



Manuel Allen Revez FERREIRA

Date: _____

Aris BARAS

ASSIGNMENT

WHEREAS, WE, Luca Andrea LOTTA, residing at 29C Windle Park, Tarrytown, New York 10591, a citizen of Italy, **Parsa AKBARI**, residing at 21 Hobsic Lane, Selston, NG166FE United Kingdom, a citizen of the United Kingdom, **Olukayode SOSINA**, residing at 17 Granada Crescent, Apartment 8, White Plains, New York 10603, a citizen of Nigeria, **Manuel Allen Revez FERREIRA**, residing at 26 Hix Avenue, Rye, New York 10580, a citizen of Australia and Portugal, and **Aris BARAS**, residing at 20 Hollow Ridge Road, Bedford Corners, New York 10549, 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:

"Methods Of Treating Metabolic Disorders And Cardiovascular Disease With Inhibin Subunit Beta E (INHBE) Inhibitors"

U.S. Serial No. 17/549,692; filed December 13, 2021

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 application;

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 application, and in and to said patent application 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 application 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 application 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 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: _____

Luca Andrea LOTTA

Date: _____

Parsa AKBARI

Date: _____

Olukayode SOSINA

Date: _____

Manuel Allen Revez FERREIRA

Date: 10/3/22



Aris BARAS