



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 28, 2020

PTAS

STERNE, KESSLER, GOLDSTEIN & FOX
P.L.L.C.
1100 NEW YORK AVENUE, NW
WASHINGTON, DC 20005

506223626

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 4503.0080000

ASSIGNOR:
SUN, JEONGHOON

DOC DATE: 07/27/2020

ASSIGNOR:
HO, WEI-HSIEN

DOC DATE: 07/28/2020

ASSIGNOR:
ALHAWAGRI, MUHAMMAD A.

DOC DATE: 07/27/2020

ASSIGNOR:
KONG, PHILIP LING

DOC DATE: 07/27/2020

ASSIGNOR:
RHINN, HERVE

DOC DATE: 07/28/2020

ASSIGNOR:
LONG, HUA

DOC DATE: 07/29/2020

ASSIGNOR:
SRINIVASAN, KARPAGAM

DOC DATE: 07/28/2020

ASSIGNOR: MITRA, ANANYA DOC DATE: 07/27/2020

ASSIGNOR: BERMINGHAM, DANIEL P. DOC DATE: 07/27/2020

ASSIGNOR: HEGER, KLAUS-DIETER DOC DATE: 07/27/2020

ASSIGNOR: CIGNARELLA, FRANCESCA DOC DATE: 07/27/2020

ASSIGNOR: TASSI, ILARIA DOC DATE: 07/28/2020

ASSIGNOR: SCHWABE, TINA DOC DATE: 07/28/2020

ASSIGNOR: YEE, ANGIE GRACE DOC DATE: 07/27/2020

ASSIGNOR: ROSENTHAL, ARNON DOC DATE: 07/27/2020

ASSIGNOR: SALAZAR, SANTIAGO VIVEROS DOC DATE: 07/28/2020

ASSIGNEE:
ALECTOR LLC
131 OYSTER POINT BOULEVARD
SUITE 600
SOUTH SAN FRANCISCO, CALIFORNIA
94080

APPLICATION NUMBER: 16943123 FILING DATE: 07/30/2020
PATENT NUMBER: ISSUE DATE:
TITLE: ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF

APPLICATION NUMBER: 62881187 FILING DATE: 07/31/2019
PATENT NUMBER: ISSUE DATE:
TITLE: ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF

APPLICATION NUMBER: 62892467 FILING DATE: 08/27/2019
PATENT NUMBER: ISSUE DATE:
TITLE: ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF

APPLICATION NUMBER: 62947449 FILING DATE: 12/12/2019
PATENT NUMBER: ISSUE DATE:
TITLE: ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF

APPLICATION NUMBER: 62960606 FILING DATE: 01/13/2020
PATENT NUMBER: ISSUE DATE:
TITLE: ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF

APPLICATION NUMBER: 63057142 FILING DATE: 07/27/2020
PATENT NUMBER: ISSUE DATE:
TITLE: ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF

APPLICATION NUMBER:

FILING DATE: 07/30/2020

PATENT NUMBER:

ISSUE DATE:

PCT NUMBER: US2020044335

TITLE: ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6270369

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEONGHOON SUN	07/27/2020
WEI-HSIEN HO	07/28/2020
MUHAMMAD A. ALHAWAGRI	07/27/2020
PHILIP LING KONG	07/27/2020
HERVE RHINN	07/28/2020
HUA LONG	07/29/2020
KARPAGAM SRINIVASAN	07/28/2020
ANANYA MITRA	07/27/2020
DANIEL P. BERMINGHAM	07/27/2020
KLAUS-DIETER HEGER	07/27/2020
FRANCESCA CIGNARELLA	07/27/2020
ILARIA TASSI	07/28/2020
TINA SCHWABE	07/28/2020
ANGIE GRACE YEE	07/27/2020
ARNON ROSENTHAL	07/27/2020
SANTIAGO VIVEROS SALAZAR	07/28/2020

RECEIVING PARTY DATA

Name:	ALECTOR LLC
Street Address:	131 OYSTER POINT BOULEVARD
Internal Address:	SUITE 600
City:	SOUTH SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94080

PROPERTY NUMBERS Total: 7

Property Type	Number
Application Number:	62881187
Application Number:	62892467
Application Number:	62947449
Application Number:	62960606

ASSIGNMENT

WHEREAS We, the below named inventors (hereinafter referred to as “Assignors”)

Jeonghoon SUN, a resident of San Francisco, CA, citizen of US,
Wei-Hsien HO, a resident of Belmont, CA, citizen of US,
Muhammad A. ALHAWAGRI, a resident of San Francisco, CA, citizen of US,
Philip Ling KONG, a resident of San Francisco, CA, citizen of NZ,
Herve RHINN, a resident of San Francisco, CA, citizen of FR,
Hua LONG, a resident of San Carlos, CA, citizen of US,
Karpagam SRINIVASAN, a resident of San Jose, CA, citizen of US,
Ananya MITRA, a resident of Menlo Park, CA, citizen of IN,
Daniel P. BERMINGHAM, a resident of San Francisco, CA, citizen of US,
Klaus-Dieter HEGER, a resident of San Mateo, CA, citizen of DE,
Santiago Viveros SALAZAR, a resident of San Carlos, CA, citizen of US,
Francesca CIGNARELLA, a resident of South San Francisco, CA, citizen of IT,
Ilaria TASSI, a resident of San Francisco, CA, citizen of IT,
Tina SCHWABE, a resident of San Francisco, CA, citizen of DE,
Angie Grace YEE, a resident of San Francisco, citizen of US, and
Arnon ROSENTHAL, a resident of Woodside, CA, citizen of US;

All Assignors having a mailing address of:

c/o Alector LLC
131 Oyster Point Boulevard
Suite 600
South San Francisco, CA 94080;

have made an invention entitled: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF**,
for which We executed the following patent applications:

Alector Ref. No.:	Country:	Application Number:	Filing Date: mm/dd/yyyy
80003-UX-1	US	62/881,187	07/31/2019
80003-UX-2	US	62/892,467	08/27/2019
80003-UX-3	US	62/947,449	12/12/2019
80003-UX-4	US	62/960,606	01/13/2020
80003-UX-6	US	* 63/057,142	* 07/27/2020 /CLD/Reg. No. 60,789 8/25/20
80003-US-1	US	* 16/943,123	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-WO-1	WO (PCT)	* PCT/US2020/044335	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-AR-1	AR	* P200102147	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-TW-1	TW	* 109125889	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20

**Identifying information may be added after execution.*

This Assignment is to:

Assignee: Alector LLC
Address: 131 Oyster Point Boulevard, Suite 600
South San Francisco, California 94080

A juristic entity duly organized under and pursuant to the laws of: Delaware (referred to in this Assignment as “Assignee”), which desires to acquire the Assignor’s entire right, title and interest in, to and under the patent applications described above and the inventions covered thereby.

Assignor invented certain new and useful inventions in: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF** which application numbers and filing dates are set forth above.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said provisional application and application for letters patent.
3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said provisional application and application for letters patent; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part claiming priority thereto or the benefit thereof, or any substitution of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.
4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
5. Assignor hereby grants attorneys, all of Sterne Kessler Goldstein & Fox PLLC (or as needed attorneys of the applicable country appointed and authorized by Sterne Kessler Goldstein & Fox PLLC), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority

for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

6. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: ²⁷ July ~~23~~²⁵ 2020

Signature: 
Jeonghoon SUN

Date: _____

Signature: _____
Wei-Hsien HO

Date: _____

Signature: _____
Muhammad A. ALHAWAGRI

Date: _____

Signature: _____
Philip Ling KONG

Date: _____

Signature: _____
Herve RHINN

Date: _____

Signature: _____
Hua LONG

Date: _____

Signature: _____
Karpagam SRINIVASAN

Date: _____

Signature: _____
Ananya MITRA

Date: _____

Signature: _____
Daniel P. BERMINGHAM

Date: _____ Signature: _____
Klaus-Dieter HEGER

Date: _____ Signature: _____
Santiago Viveros SALAZAR

Date: _____ Signature: _____
Francesca CIGNARELLA

Date: _____ Signature: _____
Ilaria TASSI

Date: _____ Signature: _____
Tina SCHWABE

Date: _____ Signature: _____
Angie Grace YEE

Date: _____ Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____ Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

ASSIGNMENT

WHEREAS We, the below named inventors (hereinafter referred to as “Assignors”)

Jeonghoon SUN, a resident of San Francisco, CA, citizen of US,
Wei-Hsien HO, a resident of Belmont, CA, citizen of US,
Muhammad A. ALHAWAGRI, a resident of San Francisco, CA, citizen of US,
Philip Ling KONG, a resident of San Francisco, CA, citizen of NZ,
Herve RHINN, a resident of San Francisco, CA, citizen of FR,
Hua LONG, a resident of San Carlos, CA, citizen of US,
Karpagam SRINIVASAN, a resident of San Jose, CA, citizen of US,
Ananya MITRA, a resident of Menlo Park, CA, citizen of IN,
Daniel P. BERMINGHAM, a resident of San Francisco, CA, citizen of US,
Klaus-Dieter HEGER, a resident of San Mateo, CA, citizen of DE,
Santiago Viveros SALAZAR, a resident of San Carlos, CA, citizen of US,
Francesca CIGNARELLA, a resident of South San Francisco, CA, citizen of IT,
Ilaria TASSI, a resident of San Francisco, CA, citizen of IT,
Tina SCHWABE, a resident of San Francisco, CA, citizen of DE,
Angie Grace YEE, a resident of San Francisco, citizen of US, and
Arnon ROSENTHAL, a resident of Woodside, CA, citizen of US;

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have made an invention entitled: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF**,
for which We executed the following patent applications:

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**Identifying information may be added after execution.*

This Assignment is to:

Assignee: Alector LLC
Address: 131 Oyster Point Boulevard, Suite 600
South San Francisco, California 94080

A juristic entity duly organized under and pursuant to the laws of: Delaware (referred to in this Assignment as “Assignee”), which desires to acquire the Assignor’s entire right, title and interest in, to and under the patent applications described above and the inventions covered thereby.

Assignor invented certain new and useful inventions in: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF** which application numbers and filing dates are set forth above.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said provisional application and application for letters patent.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said provisional application and application for letters patent; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part claiming priority thereto or the benefit thereof, or any substitution of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. Assignor hereby grants attorneys, all of Sterne Kessler Goldstein & Fox PLLC (or as needed attorneys of the applicable country appointed and authorized by Sterne Kessler Goldstein & Fox PLLC), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority

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6. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____ Signature: _____
Jeonghoon SUN

Date: July 28, 2020. Signature: Wei-Hsien HO
Wei-Hsien HO

Date: _____ Signature: _____
Muhammad A. ALHAWAGRI

Date: _____ Signature: _____
Philip Ling KONG

Date: _____ Signature: _____
Herve RHINN

Date: _____ Signature: _____
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Date: _____ Signature: _____
Ilaria TASSI

Date: _____ Signature: _____
Tina SCHWABE

Date: _____ Signature: _____
Angie Grace YEE

Date: _____ Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____ Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

ASSIGNMENT

WHEREAS We, the below named inventors (hereinafter referred to as “Assignors”)

Jeonghoon SUN, a resident of San Francisco, CA, citizen of US,
Wei-Hsien HO, a resident of Belmont, CA, citizen of US,
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1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said provisional application and application for letters patent.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said provisional application and application for letters patent; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part claiming priority thereto or the benefit thereof, or any substitution of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. Assignor hereby grants attorneys, all of Sterne Kessler Goldstein & Fox PLLC (or as needed attorneys of the applicable country appointed and authorized by Sterne Kessler Goldstein & Fox PLLC), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority

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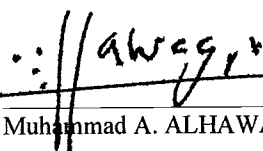
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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____ Signature: _____
Jeonghoon SUN

Date: _____ Signature: _____
Wei-Hsien HO

Date: 7/27/2020 Signature: 
Muhammad A. ALHAWAGRI

Date: _____ Signature: _____
Philip Ling KONG

Date: _____ Signature: _____
Herve RHINN

Date: _____ Signature: _____
Hua LONG

Date: _____ Signature: _____
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Date: _____ Signature: _____
Ilaria TASSI

Date: _____ Signature: _____
Tina SCHWABE

Date: _____ Signature: _____
Angie Grace YEE

Date: _____ Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____ Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

ASSIGNMENT

WHEREAS We, the below named inventors (hereinafter referred to as “Assignors”)

Jeonghoon SUN, a resident of San Francisco, CA, citizen of US,
Wei-Hsien HO, a resident of Belmont, CA, citizen of US,
Muhammad A. ALHAWAGRI, a resident of San Francisco, CA, citizen of US,
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Ilaria TASSI, a resident of San Francisco, CA, citizen of IT,
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Angie Grace YEE, a resident of San Francisco, citizen of US, and
Arnon ROSENTHAL, a resident of Woodside, CA, citizen of US;

All Assignors having a mailing address of:

c/o Alector LLC
131 Oyster Point Boulevard
Suite 600
South San Francisco, CA 94080;

have made an invention entitled: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF**,
for which We executed the following patent applications:

Alector Ref. No.:	Country:	Application Number:	Filing Date: mm/dd/yyyy
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This Assignment is to:

Assignee: Alector LLC
Address: 131 Oyster Point Boulevard, Suite 600
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A juristic entity duly organized under and pursuant to the laws of: Delaware (referred to in this Assignment as “Assignee”), which desires to acquire the Assignor’s entire right, title and interest in, to and under the patent applications described above and the inventions covered thereby.

Assignor invented certain new and useful inventions in: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF** which application numbers and filing dates are set forth above.

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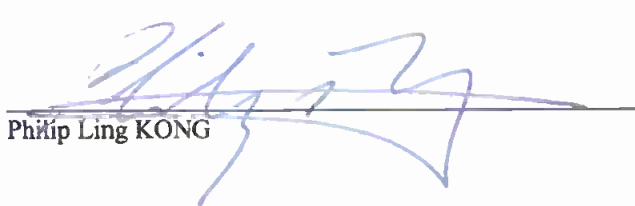
In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____ Signature: _____
Jeonghoon SUN

Date: _____ Signature: _____
Wei-Hsien HO

Date: _____ Signature: _____
Muhammad A. ALHAWAGRI

Date: 7/27/2020 Signature: 
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Date: _____ Signature: _____
Herve RHINN

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Hua LONG

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Ilaria TASSI

Date: _____

Signature: _____
Tina SCHWABE

Date: _____

Signature: _____
Angie Grace YEE

Date: _____

Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____

Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

ASSIGNMENT

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All Assignors having a mailing address of:

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131 Oyster Point Boulevard
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Date: _____ Signature: _____
Wei-Hsien HO

Date: _____ Signature: _____
Muhammad A. ALHAWAGRI

Date: _____ Signature: _____
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Date: 7/28/20 Signature: 
Herve RHINN

Date: _____ Signature: _____
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Date: _____ Signature: _____
Tina SCHWABE

Date: _____ Signature: _____
Angie Grace YEE

Date: _____ Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____ Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

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4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____

Signature: _____
Jeonghoon SUN

Date: _____

Signature: _____
Wei-Hsien HO

Date: _____

Signature: _____
Muhammad A. ALHAWAGRI

Date: _____

Signature: _____
Philip Ling KONG

Date: _____

Signature: _____
Herve RHINN

Date: 07/29/2020

Signature: 
Hua LONG

Date: _____

Signature: _____
Karpagam SRINIVASAN

Date: _____

Signature: _____
Ananya MITRA

Date: _____

Signature: _____
Daniel P. BERMINGHAM

Date: _____ Signature: _____
Klaus-Dieter HEGER

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Santiago Viveros SALAZAR

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Ilaria TASSI

Date: _____ Signature: _____
Tina SCHWABE

Date: _____ Signature: _____
Angie Grace YEE

Date: _____ Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____ Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

ASSIGNMENT

WHEREAS We, the below named inventors (hereinafter referred to as “Assignors”)

Jeonghoon SUN, a resident of San Francisco, CA, citizen of US,
Wei-Hsien HO, a resident of Belmont, CA, citizen of US,
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Philip Ling KONG, a resident of San Francisco, CA, citizen of NZ,
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Tina SCHWABE, a resident of San Francisco, CA, citizen of DE,
Angie Grace YEE, a resident of San Francisco, citizen of US, and
Arnon ROSENTHAL, a resident of Woodside, CA, citizen of US;

All Assignors having a mailing address of:

c/o Alector LLC
131 Oyster Point Boulevard
Suite 600
South San Francisco, CA 94080;

have made an invention entitled: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF**,
for which We executed the following patent applications:

Alector Ref. No.:	Country:	Application Number:	Filing Date: mm/dd/yyyy
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Address: 131 Oyster Point Boulevard, Suite 600
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1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
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ASSIGNOR(s):

Date: _____ Signature: _____
Jeonghoon SUN

Date: _____ Signature: _____
Wei-Hsien HO

Date: _____ Signature: _____
Muhammad A. ALHAWAGRI

Date: _____ Signature: _____
Philip Ling KONG

Date: _____ Signature: _____
Herve RHINN

Date: _____ Signature: _____
Hua LONG

Date: **07-28-2020** Signature: 
Karpagam SR NIVASAN

Date: _____ Signature: _____
Ananya MITRA

Date: _____ Signature: _____
Daniel P. BERMINGHAM

Date: _____ Signature: _____
Klaus-Dieter JIEGER

Date: _____ Signature: _____
Santiago Viveros SALAZAR

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Ilaria TASSI

Date: _____ Signature: _____
Tina SCHWABE

Date: _____ Signature: _____
Angie Grace YEE

Date: _____ Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____ Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

ASSIGNMENT

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for which We executed the following patent applications:

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ASSIGNOR(s):

Date: _____ Signature: _____
Jeonghoon SUN

Date: _____ Signature: _____
Wei-Hsien HO

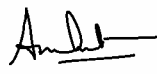
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Muhammad A. ALHAWAGRI

Date: _____ Signature: _____
Philip Ling KONG

Date: _____ Signature: _____
Herve RHINN

Date: _____ Signature: _____
Hua LONG

Date: _____ Signature: _____
Karpagam SRINIVASAN

Date: July 27, 2020 Signature: 
Ananya MITRA

Date: _____ Signature: _____
Daniel P. BERMINGHAM

Date: _____ Signature: _____
Klaus-Dieter HEGER

Date: _____ Signature: _____
Santiago Viveros SALAZAR

Date: _____ Signature: _____
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Angie Grace YEE

Date: _____ Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____ Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

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Hua LONG

Date: _____ Signature: _____
Karpagam SRINIVASAN

Date: _____ Signature: _____
Ananya MITRA

Date: 7/27/2020 Signature: 
Daniel P. BERMINGHAM

Date: _____ Signature: _____
Klaus-Dieter HEGER

Date: _____ Signature: _____
Santiago Viveros SALAZAR

Date: _____ Signature: _____
Francesca CIGNARELLA

Date: _____ Signature: _____
Ilaria TASSI

Date: _____ Signature: _____
Tina SCHWABE

Date: _____ Signature: _____
Angie Grace YEE

Date: _____ Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____ Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

ASSIGNMENT

WHEREAS We, the below named inventors (hereinafter referred to as “Assignors”)

Jeonghoon SUN, a resident of San Francisco, CA, citizen of US,
Wei-Hsien HO, a resident of Belmont, CA, citizen of US,
Muhammad A. ALHAWAGRI, a resident of San Francisco, CA, citizen of US,
Philip Ling KONG, a resident of San Francisco, CA, citizen of NZ,
Herve RHINN, a resident of San Francisco, CA, citizen of FR,
Hua LONG, a resident of San Carlos, CA, citizen of US,
Karpagam SRINIVASAN, a resident of San Jose, CA, citizen of US,
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Klaus-Dieter HEGER, a resident of San Mateo, CA, citizen of DE,
Santiago Viveros SALAZAR, a resident of San Carlos, CA, citizen of US,
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Tina SCHWABE, a resident of San Francisco, CA, citizen of DE,
Angie Grace YEE, a resident of San Francisco, citizen of US, and
Arnon ROSENTHAL, a resident of Woodside, CA, citizen of US;

All Assignors having a mailing address of:

c/o Alector LLC
131 Oyster Point Boulevard
Suite 600
South San Francisco, CA 94080;

have made an invention entitled: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF**,
for which We executed the following patent applications:

Alector Ref. No.:	Country:	Application Number:	Filing Date: mm/dd/yyyy
80003-UX-1	US	62/881,187	07/31/2019
80003-UX-2	US	62/892,467	08/27/2019
80003-UX-3	US	62/947,449	12/12/2019
80003-UX-4	US	62/960,606	01/13/2020
80003-UX-6	US	* 63/057,142	* 07/27/2020 /CLD/Reg. No. 60,789 8/25/20
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80003-WO-1	WO (PCT)	* PCT/US2020/044335	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-AR-1	AR	* P200102147	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-TW-1	TW	* 109125889	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20

**Identifying information may be added after execution.*

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Address: 131 Oyster Point Boulevard, Suite 600
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A juristic entity duly organized under and pursuant to the laws of: Delaware (referred to in this Assignment as “Assignee”), which desires to acquire the Assignor’s entire right, title and interest in, to and under the patent applications described above and the inventions covered thereby.

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1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said provisional application and application for letters patent.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said provisional application and application for letters patent; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part claiming priority thereto or the benefit thereof, or any substitution of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. Assignor hereby grants attorneys, all of Sterne Kessler Goldstein & Fox PLLC (or as needed attorneys of the applicable country appointed and authorized by Sterne Kessler Goldstein & Fox PLLC), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____ Signature: _____
Jeonghoon SUN

Date: _____ Signature: _____
Wei-Hsien HO

Date: _____ Signature: _____
Muhammad A. ALHAWAGRI

Date: _____ Signature: _____
Philip Ling KONG

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Herve RHINN

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Date: 07/27/22 Signature: 
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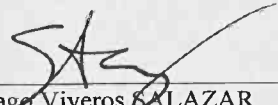
Date: _____ Signature: _____
Ananya MITRA

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Daniel P. BERMINGHAM

Date: _____

Signature: _____
Klaus-Dieter HEGER

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Signature: 
Santiago Viveros SALAZAR

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Angie Grace YEE

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Arnon ROSENTHAL

ASSIGNEE:

Date: _____

Signature: _____
Name: Danielle Pasqualone
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80003-WO-1	WO (PCT)	* PCT/US2020/044335	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-AR-1	AR	* P200102147	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-TW-1	TW	* 109125889	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20

**Identifying information may be added after execution.*

This Assignment is to:

Assignee: Alector LLC
Address: 131 Oyster Point Boulevard, Suite 600
South San Francisco, California 94080

A juristic entity duly organized under and pursuant to the laws of: Delaware (referred to in this Assignment as “Assignee”), which desires to acquire the Assignor’s entire right, title and interest in, to and under the patent applications described above and the inventions covered thereby.

Assignor invented certain new and useful inventions in: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF** which application numbers and filing dates are set forth above.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said provisional application and application for letters patent.
3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said provisional application and application for letters patent; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part claiming priority thereto or the benefit thereof, or any substitution of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.
4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
5. Assignor hereby grants attorneys, all of Sterne Kessler Goldstein & Fox PLLC (or as needed attorneys of the applicable country appointed and authorized by Sterne Kessler Goldstein & Fox PLLC), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____ Signature: _____
Jeonghoon SUN

Date: _____ Signature: _____
Wei-Hsien HO

Date: _____ Signature: _____
Muhammad A. ALHAWAGRI

Date: _____ Signature: _____
Philip Ling KONG

Date: _____ Signature: _____
Herve RHINN

Date: _____ Signature: _____
Hua LONG

Date: _____ Signature: _____
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Date: _____ Signature: _____
Ananya MITRA

Date: _____ Signature: _____
Daniel P. BERMINGHAM

Date: _____

Signature: _____
Klaus-Dieter HEGER

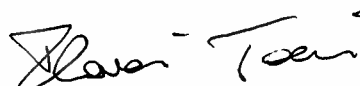
Date: _____

Signature: _____
Santiago Viveros SALAZAR

Date: _____

Signature: _____
Francesca CIGNARELLA

Date: 7/28/20

Signature: 
Ilaria TASSI

Date: 7-28

Signature: _____
Tina SCHWABE

Date: _____

Signature: _____
Angie Grace YEE

Date: _____

Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____

Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

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Date: _____ Signature: _____
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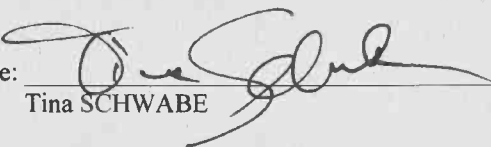
Date: _____

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Date: _____

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Angie Grace YEE

Date: _____

Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: _____

Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

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Signature: 
Angie Grace YEE

Date: _____

Signature: _____
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ASSIGNEE:

Date: _____

Signature: _____
Name: Danielle Pasqualone
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2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said provisional application and application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said provisional application and application for letters patent.
3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said provisional application and application for letters patent; (b) any and all non-provisionals, divisions, continuations, or continuations-in-part claiming priority thereto or the benefit thereof, or any substitution of any such applications, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.
4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
5. Assignor hereby grants attorneys, all of Sterne Kessler Goldstein & Fox PLLC (or as needed attorneys of the applicable country appointed and authorized by Sterne Kessler Goldstein & Fox PLLC), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority

for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

6. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____ Signature: _____
Jeonghoon SUN

Date: _____ Signature: _____
Wei-Hsien HO

Date: _____ Signature: _____
Muhammad A. ALHAWAGRI

Date: _____ Signature: _____
Philip Ling KONG

Date: _____ Signature: _____
Herve RHINN

Date: _____ Signature: _____
Hua LONG

Date: _____ Signature: _____
Karpagam SRINIVASAN

Date: _____ Signature: _____
Ananya MITRA

Date: _____ Signature: _____
Daniel P. BERMINGHAM

Date: _____ Signature: _____
Klaus-Dieter HEGER

Date: _____ Signature: _____
Santiago Viveros SALAZAR

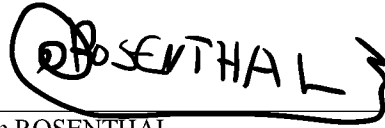
Date: _____ Signature: _____
Francesca CIGNARELLA

Date: _____ Signature: _____
Ilaria TASSI

Date: _____ Signature: _____
Tina SCHWABE

Date: _____ Signature: _____
Angie Grace YEE

Date: July 27, 2020 Signature: _____
Arnon ROSENTHAL

A handwritten signature in black ink that reads "ARNON ROSENTHAL" with a large, stylized flourish at the end.

ASSIGNEE:

Date: _____ Signature: _____
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC

ASSIGNMENT

WHEREAS We, the below named inventors (hereinafter referred to as “Assignors”)

Jeonghoon SUN, a resident of San Francisco, CA, citizen of US,
Wei-Hsien HO, a resident of Belmont, CA, citizen of US,
Muhammad A. ALHAWAGRI, a resident of San Francisco, CA, citizen of US,
Philip Ling KONG, a resident of San Francisco, CA, citizen of NZ,
Herve RHINN, a resident of San Francisco, CA, citizen of FR,
Hua LONG, a resident of San Carlos, CA, citizen of US,
Karpagam SRINIVASAN, a resident of San Jose, CA, citizen of US,
Ananya MITRA, a resident of Menlo Park, CA, citizen of IN,
Daniel P. BERMINGHAM, a resident of San Francisco, CA, citizen of US,
Klaus-Dieter HEGER, a resident of San Mateo, CA, citizen of DE,
Santiago Viveros SALAZAR, a resident of San Carlos, CA, citizen of US,
Francesca CIGNARELLA, a resident of South San Francisco, CA, citizen of IT,
Ilaria TASSI, a resident of San Francisco, CA, citizen of IT,
Tina SCHWABE, a resident of San Francisco, CA, citizen of DE,
Angie Grace YEE, a resident of San Francisco, citizen of US, and
Arnon ROSENTHAL, a resident of Woodside, CA, citizen of US;

All Assignors having a mailing address of:

c/o Alector LLC
131 Oyster Point Boulevard
Suite 600
South San Francisco, CA 94080;

have made an invention entitled: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF**,
for which We executed the following patent applications:

Alector Ref. No.:	Country:	Application Number:	Filing Date: mm/dd/yyyy
80003-UX-1	US	62/881,187	07/31/2019
80003-UX-2	US	62/892,467	08/27/2019
80003-UX-3	US	62/947,449	12/12/2019
80003-UX-4	US	62/960,606	01/13/2020
80003-UX-6	US	* 63/057,142	* 07/27/2020 /CLD/Reg. No. 60,789 8/25/20
80003-US-1	US	* 16/943,123	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-WO-1	WO (PCT)	* PCT/US2020/044335	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-AR-1	AR	* P200102147	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20
80003-TW-1	TW	* 109125889	* 07/30/2020 /CLD/Reg. No. 60,789 8/25/20

**Identifying information may be added after execution.*

This Assignment is to:

Assignee: Alector LLC
Address: 131 Oyster Point Boulevard, Suite 600
South San Francisco, California 94080

A juristic entity duly organized under and pursuant to the laws of: Delaware (referred to in this Assignment as “Assignee”), which desires to acquire the Assignor’s entire right, title and interest in, to and under the patent applications described above and the inventions covered thereby.

Assignor invented certain new and useful inventions in: **ANTI-MS4A4A ANTIBODIES AND METHODS OF USE THEREOF** which application numbers and filing dates are set forth above.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.
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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____ Signature: _____
Jeonghoon SUN

Date: _____ Signature: _____
Wei-Hsien HO

Date: _____ Signature: _____
Muhammad A. ALHAWAGRI

Date: _____ Signature: _____
Philip Ling KONG

Date: _____ Signature: _____
Herve RHINN

Date: _____ Signature: _____
Hua LONG

Date: _____ Signature: _____
Karpagam SRINIVASAN

Date: _____ Signature: _____
Ananya MITRA

Date: _____ Signature: _____
Daniel P. BERMINGHAM

Date: _____

Signature: _____
Klaus-Dieter HEGER

Date: _____

Signature: _____
Santiago Viveros SALAZAR

Date: _____

Signature: _____
Francesca CIGNARELLA

Date: _____

Signature: _____
Ilaria TASSI

Date: _____

Signature: _____
Tina SCHWABE

Date: _____

Signature: _____
Angie Grace YEE

Date: _____

Signature: _____
Arnon ROSENTHAL

ASSIGNEE:

Date: July 29, 2020 Signature: Danielle Pasqualone
Name: Danielle Pasqualone
Title: Vice President, Intellectual Property
Company: Alector LLC