

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6282446

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL BIRNBAUM	08/11/2020
CONNOR DOBSON	08/31/2020
RECEIVING PARTY DATA	
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16826665
PCT Number:	US2024175
CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
<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:	617-646-8000
Email:	MITAdministrators@wolfgreenfield.com, patents_MattB@wolfgreenfield.com
Correspondent Name:	MATTHEW S. BEYERSDORF
Address Line 1:	WOLF, GREENFIELD & SACKS, P.C.
Address Line 2:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	M0656.70463US01/WO00
NAME OF SUBMITTER:	MATTHEW S. BEYERSDORF
SIGNATURE:	/Matthew S. Beyersdorf/
DATE SIGNED:	09/03/2020
Total Attachments: 8	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Massachusetts Institute of Technology**, a Massachusetts Non-profit Corporation having a place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on **March 23, 2020** under No. **16/826,665**, bearing Attorney Docket No. **M0656.70463US01**, and entitled **LIGAND DISCOVERY AND GENE DELIVERY VIA RETROVIRAL SURFACE DISPLAY**, and in the International Patent Application filed on **March 23, 2020** under No. **PCT/US2020/024175**, bearing Attorney Docket No. **M0656.70463WO00**, and entitled **LIGAND DISCOVERY AND GENE DELIVERY VIA RETROVIRAL SURFACE DISPLAY**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;

Attorney Docket No. **M0656.70463US01/WO00**

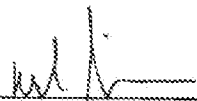
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

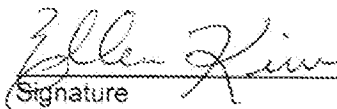
This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Aug 11, 2020
Date


Inventor: Michael Birnbaum
Address: 229 Vassar St.
Apt. 435
Cambridge, Massachusetts 02139
Citizenship: US

Witness:

Aug 11, 2020
Date

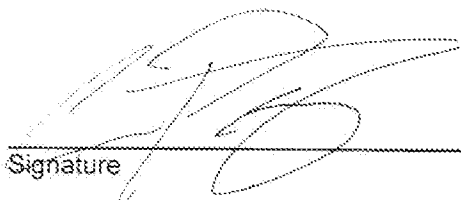

Signature

Name: Ellen Kim

Address: 350 Third St #1005
Cambridge, MA 02142

Witness:

Aug 11, 2020
Date


Signature

Name: Caleb Pezz

Address: 77 Thorndike St #1
Cambridge, MA 02141

Attorney Docket No. M0656.70463US01/WO00

Date

Inventor: Connor Dobson
Address: 42 Boston Street
Apt 1
Somerville, Massachusetts 02143
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0656.76463US01/WO00

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Massachusetts Institute of Technology**, a Massachusetts Non-profit Corporation having a place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on **March 23, 2020** under No. **16/826,665**, bearing Attorney Docket No. **M0656.70463US01**, and entitled **LIGAND DISCOVERY AND GENE DELIVERY VIA RETROVIRAL SURFACE DISPLAY**, and in the International Patent Application filed on **March 23, 2020** under No. **PCT/US2020/024175**, bearing Attorney Docket No. **M0656.70463WO00**, and entitled **LIGAND DISCOVERY AND GENE DELIVERY VIA RETROVIRAL SURFACE DISPLAY**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;

Attorney Docket No. **M0656.70463US01/WO00**

4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. M0656.70463US01/WO00

Date

Inventor: Michael Birnbaum
Address: 229 Vassar St.
Apt. 436
Cambridge, Massachusetts 02139
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0656.70463US01/WO00

8/31/20
Date

Connor Dobson
Inventor: Connor Dobson
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Citizenship: US

Witness:

8/31/20
Date

Anna L. Thompson
Signature

Name: Anna L. Thompson
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Somerville, MA 02143

Witness:

8/31/20
Date

Ian W. Andrews
Signature

Name: Ian W. Andrews
Address: 42 Boston Street, Apt 1
Somerville, MA 02143

Attorney Docket No. M0656.70463US01/WO00