

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6940221

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEREMIAH A. JOHNSON	07/04/2021
WENXU ZHANG	08/20/2021
PEYTON SHIEH	07/08/2021
KEITH HUSTED	07/07/2021
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:	17022021
PCT Number:	US2050927
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:	6176468000
Email:	Wei.Zhang@WolfGreenfield.com, MITAdministrators@wolfgreenfield.com
Correspondent Name:	WILLIAM ZHANG
Address Line 1:	WOLF, GREENFIELD & SACKS, P.C.
Address Line 2:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	M1237.70106US01/WO00
NAME OF SUBMITTER:	JUSTIN DUFFY
SIGNATURE:	/Justin Duffy/
DATE SIGNED:	09/28/2021
Total Attachments: 24	

source=M123770106US01_WO00-ASI-WWZ#page1.tif
source=M123770106US01_WO00-ASI-WWZ#page2.tif
source=M123770106US01_WO00-ASI-WWZ#page3.tif
source=M123770106US01_WO00-ASI-WWZ#page4.tif
source=M123770106US01_WO00-ASI-WWZ#page5.tif
source=M123770106US01_WO00-ASI-WWZ#page6.tif
source=M123770106US01_WO00-ASI-WWZ#page7.tif
source=M123770106US01_WO00-ASI-WWZ#page8.tif
source=M123770106US01_WO00-ASI-WWZ#page9.tif
source=M123770106US01_WO00-ASI-WWZ#page10.tif
source=M123770106US01_WO00-ASI-WWZ#page11.tif
source=M123770106US01_WO00-ASI-WWZ#page12.tif
source=M123770106US01_WO00-ASI-WWZ#page13.tif
source=M123770106US01_WO00-ASI-WWZ#page14.tif
source=M123770106US01_WO00-ASI-WWZ#page15.tif
source=M123770106US01_WO00-ASI-WWZ#page16.tif
source=M123770106US01_WO00-ASI-WWZ#page17.tif
source=M123770106US01_WO00-ASI-WWZ#page18.tif
source=M123770106US01_WO00-ASI-WWZ#page19.tif
source=M123770106US01_WO00-ASI-WWZ#page20.tif
source=M123770106US01_WO00-ASI-WWZ#page21.tif
source=M123770106US01_WO00-ASI-WWZ#page22.tif
source=M123770106US01_WO00-ASI-WWZ#page23.tif
source=M123770106US01_WO00-ASI-WWZ#page24.tif

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 **September 15, 2020** under No. **17/022,021**, bearing Attorney Docket No. **M1237.70106US01**, and entitled **FUNCTIONAL OLIGOMERS AND FUNCTIONAL POLYMERS INCLUDING HYDROXYLATED POLYMERS AND CONJUGATES THEREOF AND USES THEREOF** and in the International Application filed on **September 15, 2020** under International Application No. **PCT/US2020/050927**, bearing Attorney Docket No. **M1237.70106WO00**, and entitled **FUNCTIONAL OLIGOMERS AND FUNCTIONAL POLYMERS INCLUDING HYDROXYLATED POLYMERS AND CONJUGATES THEREOF AND USES THEREOF**, 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. **M1237.70106US01/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. M1237.70106US01/WO00

8820491.1

Date

7/4/21

Inventor: Jeremiah A. Johnson

Address: 48 Lawrence St.

Boston, Massachusetts 02116

Citizenship: US

Witness:

Date

7/4/2021

Signature

Name:

Alexander Johnson

Address:

46 Lawrence St

Boston, MA 02116

Witness:

Date

7/4/21

Signature

Name:

Wendy N Gounalis

Address:

43 Hemlock Trail
Wells ME 04090

Attorney Docket No. M1237.70106US01/WO00

Date

Inventor: Wenxu Zhang

Address: 375 Acom Park Drive

Apt. 5317

Belmont, Massachusetts 02478

Citizenship: China

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/WO00

Date

Inventor: Peyton Shieh

Address: 78 Berkshire St.

Cambridge, Massachusetts 02141

Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/WO00

Date

Inventor: Keith Husted

Address: 1 Griggs Place

Boston, Massachusetts 02134

Citizenship: Canada

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/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 **September 15, 2020** under No. **17/022,021**, bearing Attorney Docket No. **M1237.70106US01**, and entitled **FUNCTIONAL OLIGOMERS AND FUNCTIONAL POLYMERS INCLUDING HYDROXYLATED POLYMERS AND CONJUGATES THEREOF AND USES THEREOF** and in the International Application filed on **September 15, 2020** under International Application No. **PCT/US2020/050927**, bearing Attorney Docket No. **M1237.70106WO00**, and entitled **FUNCTIONAL OLIGOMERS AND FUNCTIONAL POLYMERS INCLUDING HYDROXYLATED POLYMERS AND CONJUGATES THEREOF AND USES THEREOF**, 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. **M1237.70106US01/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. M1237.70106US01/WO00

Date _____

Inventor: Jeremiah A. Johnson

Address: 46 Lawrence St.

Boston, Massachusetts 02116

Citizenship: US

Witness:

Date _____

Signature _____

Name: _____

Address: _____

Witness:

Date _____

Signature _____

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/WO00

8820491.1

08/20/2021
Date

Wenxu Zhang
Inventor: Wenxu Zhang
Address: 375 Acorn Park Drive
Apt. 5317
Belmont, Massachusetts 02478
Citizenship: China

Witness:

08/20/2021
Date

加 欢
Signature

Name: 51 Elm St Huan He

Address: 51 Elm St, Hopkinton, MA
01748.

Witness:

08/20/2021
Date

DONG LI
Signature

Name: DONG LI

Address: 82 N Main St. #2311
Natick, MA 01760

Attorney Docket No. M1237.70106US01/WO00

Date

Inventor: Peyton Shieh

Address: 76 Berkshire St.

Cambridge, Massachusetts 02141

Citizenship: US

Witness:

Date

Signature

Name:

Address:

Witness:

Date

Signature

Name:

Address:

Attorney Docket No. M1237.70106U501/WO00

Date

Inventor: Keith Husted

Address: 1 Griggs Place

Boston, Massachusetts 02134

Citizenship: Canada

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/WO00

8820481.1

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 **September 15, 2020** under No. **17/022,021**, bearing Attorney Docket No. **M1237.70106US01**, and entitled **FUNCTIONAL OLIGOMERS AND FUNCTIONAL POLYMERS INCLUDING HYDROXYLATED POLYMERS AND CONJUGATES THEREOF AND USES THEREOF** and in the International Application filed on **September 15, 2020** under International Application No. **PCT/US2020/050927**, bearing Attorney Docket No. **M1237.70106WO00**, and entitled **FUNCTIONAL OLIGOMERS AND FUNCTIONAL POLYMERS INCLUDING HYDROXYLATED POLYMERS AND CONJUGATES THEREOF AND USES THEREOF**, 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. **M1237.70106US01/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. **M1237.70106US01/WO00**

Date

Inventor: Jeremiah A. Johnson
Address: 46 Lawrence St.
Boston, Massachusetts 02116
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/WO00

Date

Inventor: Wenxu Zhang
Address: 375 Acorn Park Drive
Apt. 5317
Belmont, Massachusetts 02478
Citizenship: China

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

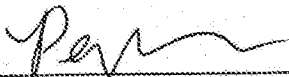
Signature

Name: _____

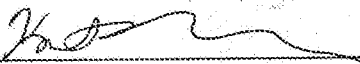
Address: _____

Attorney Docket No. **M1237.70106US01/WO00**

7/8/21
Date



Inventor: Peyton Shieh
Address: 78 Berkshire St.
Cambridge, Massachusetts 02141
Citizenship: US

Witness:
7/8/21
Date


Signature

Name: Katherine Shen
Address: 6301 Shellmound St, Apt 638
Emeryville, CA 94608

Witness:
7/8/21
Date


Signature

Name: David Shen
Address: 1571 Dominguez Ranch Rd
Corona, CA 92882

Attorney Docket No. M1237.70108US01/WO00

8820481.1

Date

Inventor: Keith Husted
Address: 1 Griggs Place
Boston, Massachusetts 02134
Citizenship: Canada

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/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 **September 15, 2020** under No. **17/022,021**, bearing Attorney Docket No. **M1237.70106US01**, and entitled **FUNCTIONAL OLIGOMERS AND FUNCTIONAL POLYMERS INCLUDING HYDROXYLATED POLYMERS AND CONJUGATES THEREOF AND USES THEREOF** and in the International Application filed on **September 15, 2020** under International Application No. **PCT/US2020/050927**, bearing Attorney Docket No. **M1237.70106WO00**, and entitled **FUNCTIONAL OLIGOMERS AND FUNCTIONAL POLYMERS INCLUDING HYDROXYLATED POLYMERS AND CONJUGATES THEREOF AND USES THEREOF**, 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. **M1237.70106US01/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. **M1237.70106US01/WO00**

Date

Inventor: Jeremiah A. Johnson

Address: 46 Lawrence St.

Boston, Massachusetts 02116

Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/WO00

Date

Inventor: Wenxu Zhang

Address: 375 Acorn Park Drive

Apt. 5317

Belmont, Massachusetts 02478

Citizenship: China

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/WO00

Date

Inventor: Peyton Shieh
Address: 78 Berkshire St.
Cambridge, Massachusetts 02141
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M1237.70106US01/WO00

07/02/2021
Date

Keith Husted
Inventor: Keith Husted
Address: 1 Griggs Place
Boston, Massachusetts 02134
Citizenship: Canada

Witness:
2/7/2021
Date

Abraham Herzog-Arbeztman
Signature
Name: Abraham Herzog-Arbeztman
Address: 44 Columbia St. #32
Cambridge, MA

Witness:
7/7/2021
Date

Bin Liu
Signature
Name: Bin Liu
Address: 51 Elm Street, Hopkinton,
MA, 01748

Attorney Docket No. M1237.70106US01/WO00

8820491.1

6