

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7294022

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIMOTHY M. SWAGER	05/28/2019
HADLEY SIKES JOHNSON	10/08/2019
QIFAN ZHANG	09/06/2019
ERIC ALEXANDER MILLER	06/05/2019
LUKAS ZEININGER	05/21/2019
KI-JOO SUNG	06/05/2019
KOSUKE YOSHINAGA	05/21/2019
RECEIVING PARTY DATA	
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17545979
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:	Adam.Zeiger@WolfGreenfield.com, MITAdministrators@wolfgreenfield.com
Correspondent Name:	ADAM S. ZEIGER
Address Line 1:	WOLF GREENFIELD & SACKS, P.C.
Address Line 2:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	M0925.70695US01
NAME OF SUBMITTER:	JUSTIN DUFFY
SIGNATURE:	/Justin Duffy/

DATE SIGNED:

04/22/2022

Total Attachments: 45

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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 **November 27, 2018** under No. **16/202,007**, bearing Attorney Docket No. **M0925.70695US00**, and entitled **SYSTEMS INCLUDING JANUS DROPLETS**, 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;
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;

Attorney Docket No. **M0925.70695US00**

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. M0925.70695US00

7238257.1

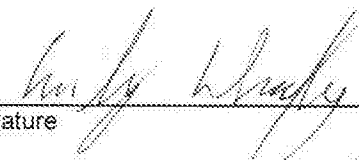
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PATENT
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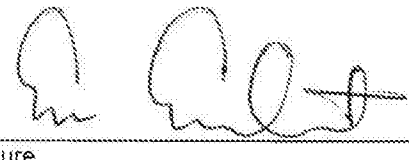
5/28/2019
Date


Inventor: Timothy M. Swager
Address: 18 Copley Street
Newton, Massachusetts 02458
Citizenship: US

Witness:
5/28/2019
Date


Signature
Name: Emily Wensberg
Address: 32 Vassar St 1B-595
Cambridge, MA 02139

Witness:
5/28/2019
Date


Signature
Name: Erin Erhart
Address: 32 Vassar St 1B-593
Cambridge MA 02139

Attorney Docket No. M0925.70695US00

Date

Inventor: Hadley Sikes Johnson

Address: 15 Varnum Street B

Arlington, Massachusetts 02474

Citizenship: US

Witness:

Date

Signature

Name:

Address:

Witness:

Date

Signature

Name:

Address:

Attorney Docket No. M0925.70695US00

7238257.1

Date

Inventor: Qifan Zhang
Address: 60 Wadsworth Street
Apt. 4D
Cambridge, Massachusetts 02142
Citizenship: People's Republic of China

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0925.70695US00

7238267.1

Date _____

Inventor: Eric Alexander Miller

Address: 92B Gore St.

Cambridge, Massachusetts 02141

Citizenship: US

Witness:

Date _____

Signature _____

Name: _____

Address: _____

Witness:

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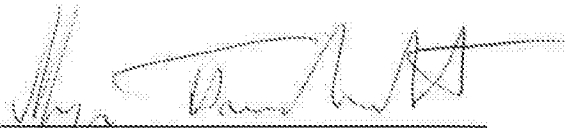
Attorney Docket No. **M0925.70695US00**

7238257.1

05/21/2019
Date



Inventor: Lukas Zeininger
Address: Mierendorffplatz 11
10589 Berlin
GERMANY
Citizenship: Germany

Witness:
05/21/2019
Date


Signature

Name: Marko Pavlovic
Address: Am Mühlenberg 2, 14476
Potsdam, Germany

Witness:
05/21/2019
Date


Signature

Name: Bernhard Schmidt
Address: Geschwister-Scholl-Str. 80
14477 Potsdam, Germany

Attorney Docket No. M0925.70695US00

7238257.1

Date

Inventor: Ki-Joo Sung
Address: 235 Albany Street
Ashdown House
3031C
Cambridge, Massachusetts 02138
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0925.70695US00

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Date _____

Inventor: Kosuke Yoshinaga _____

Address: _____

Citizenship: _____

Witness:

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Name: _____

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Attorney Docket No. M0925.70695US00

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9

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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;
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Attorney Docket No. **M0925.70695US00**

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Attorney Docket No. **M0925.70695US00**

Date

Inventor: Timothy M. Swager
Address: 18 Copley Street
Newton, Massachusetts 02458
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. **M0925.70695US00**

Oct. 8 2019
Date

Hadley Sikes Johnson
Inventor: Hadley Sikes Johnson
Address: 15 Varnum Street B
Arlington, Massachusetts 02474
Citizenship: US

Witness:
10/08/2019
Date

[Signature]
Signature
Name: Andre Pucq
Address: 101 Prospect St. # 1
Somerville, MA 02143

Witness:
10/08/2019
Date

[Signature]
Signature
Name: Seunghyeon Kim
Address: 1 Nashua St. #APT 1716,
Boston, MA 02114

Attorney Docket No. M0925.70695US00

Date

Inventor: Qifan Zhang
Address: 60 Wadsworth Street
Apt. 4D
Cambridge, Massachusetts 02142
Citizenship: People's Republic of China

Witness:

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Name: _____

Address: _____

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Name: _____

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Attorney Docket No. **M0925.70695US00**

Date

Inventor: Eric Alexander Miller

Address: 92B Gore St.

Cambridge, Massachusetts 02141

Citizenship: US

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Attorney Docket No. **M0925.70695US00**

Date

Inventor: Lukas Zeininger
Address: Mierendorffplatz 11
10589 Berlin
GERMANY
Citizenship: Germany

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Name: _____

Address: _____

Attorney Docket No. **M0925.70695US00**

7238257.1

Date

Inventor: Ki-Joo Sung
Address: 235 Albany Street
Ashdown House
3031C
Cambridge, Massachusetts 02139
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

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Name: _____

Address: _____

Attorney Docket No. **M0925.70695US00**

Date

Inventor: Kosuke Yoshinaga

Address:

Citizenship:

Witness:

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Attorney Docket No. **M0925.70695US00**

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Attorney Docket No. **M0925.70695US00**

Date

Inventor: Timothy M. Swager
Address: 18 Copley Street
Newton, Massachusetts 02458
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

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Attorney Docket No. M0925.70695US00

Date _____

Inventor: Hadley Sikes Johnson

Address: 15 Varnum Street B
Arlington, Massachusetts 02474

Citizenship: US

Witness:

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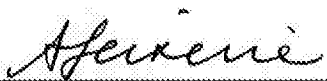
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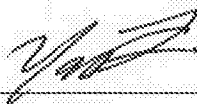
376 Ocean Ave.
Apt 1813
Riverside MA 02151

Witness:
09/06/2019
Date


Signature

Name: ALEXANDRA TEIXEIRA
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SOMERVILLE, MA 02145

Witness:
09/06/2019
Date


Signature

Name: Nancy Li
Address: 384 Washington St. Unit B
Somerville, MA 02143

Attorney Docket No. M0925.70695US00

Date

Inventor: Eric Alexander Miller

Address: 92B Gore St.

Cambridge, Massachusetts 02141

Citizenship: US

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Attorney Docket No. **M0925.70695US00**

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Inventor: Lukas Zeininger

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10589 Berlin

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Arlington, Massachusetts 02474

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Apt. 4D
Cambridge, Massachusetts 02142
Citizenship: People's Republic of China

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. **M0925.70695US00**

06/05/19
Date

E. Miller
Inventor: Eric Alexander Miller
Address: 92B Gore St.
Cambridge, Massachusetts 02141
Citizenship: US

Witness:
06/05/19
Date

Yining Hao
Signature

Name: Yining Hao
Address: 13 Lilac Ct. Cambridge,
MA. 02141

Witness:
06/05/19
Date

Son Jin Moon
Signature

Name: Son Jin Moon
Address: 235 Albany street
Cambridge, Massachusetts 02139

Attorney Docket No. M0925.70695US00

Date

Inventor: Lukas Zeininger
Address: Mierendorffplatz 11
10589 Berlin
GERMANY
Citizenship: Germany

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date


Signature

Name: _____

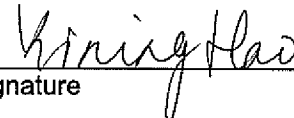
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Attorney Docket No. **M0925.70695US00**

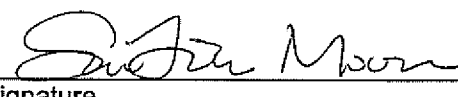
6/5/19
Date


Inventor: Ki-Joo Sung
Address: 235 Albany Street
Ashdown House
3031C
Cambridge, Massachusetts 02139
Citizenship: US

Witness:
6/5/19
Date


Signature
Name: Yining Hao
Address: 13. Lidas Ct. Cambridge,
MA, 02141

Witness:
6/5/19
Date


Signature
Name: Sun Jin Moon
Address: 235 Albany street
Cambridge, Massachusetts 02139

Attorney Docket No. M0925.70695US00

Date

Inventor: Kosuke Yoshinaga

Address:

Citizenship:

Witness:

Date

Signature

Name:

Address:

Witness:

Date

Signature

Name:

Address:

Attorney Docket No. **M0925.70695US00**

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 **November 27, 2018** under No. **16/202,007**, bearing Attorney Docket No. **M0925.70695US00**, and entitled **SYSTEMS INCLUDING JANUS DROPLETS**, 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;
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;

Attorney Docket No. **M0925.70695US00**

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. M0925.70695US00

7236287.1

2

PATENT
REEL: 059777 FRAME: 0404

Date _____

Inventor: Timothy M. Swager

Address: 18 Copley Street

Newton, Massachusetts 02458

Citizenship: US

Witness:

Date _____

Signature _____

Name: _____

Address: _____

Witness:

Date _____

Signature _____

Name: _____

Address: _____

Attorney Docket No. M0928.70000US00

7208287.1

PATENT
REEL: 059777 FRAME: 0405

Date

Inventor: Hadley Sikes Johnson
Address: 15 Varnum Street B
Arlington, Massachusetts 02474
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0928.70698US00

7336287.1

Date

Inventor: Qifan Zhang

Address: 60 Wadsworth Street

Apt. 4D

Cambridge, Massachusetts 02142

Citizenship: People's Republic of China

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0925.70696US00

7238287.1

5

PATENT
REEL: 059777 FRAME: 0407

Date

Inventor: Eric Alexander Miller

Address: 92B Gore St.

Cambridge, Massachusetts 02141

Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0925.70695US00

7238257.1

8

PATENT
REEL: 059777 FRAME: 0408

Date _____

Inventor: Lukas Zeininger

Address: Mierendorffplatz 11

10589 Berlin

GERMANY

Citizenship: Germany

Witness:

Date _____

Signature _____

Name: _____

Address: _____

Witness:

Date _____

Signature _____

Name: _____

Address: _____

Attorney Docket No. **M0925.70898US00**

7338287.1

PATENT
REEL: 059777 FRAME: 0409

Date _____

Inventor: Ki-Joo Sung

Address: 235 Albany Street

Ashdown House

3031C

Cambridge, Massachusetts 02139

Citizenship: US

Witness:

Date _____

Signature _____

Name: _____

Address: _____

Witness:

Date _____

Signature _____

Name: _____

Address: _____

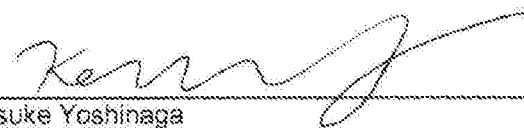
Attorney Docket No. M0925.70695US00

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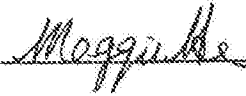
PATENT
REEL: 059777 FRAME: 0410

5/21/2019
Date


Inventor: Kosuke Yoshinaga
Address: 275 Putnam Ave #2
Cambridge, MA 02139
Citizenship: JAPAN

K.Y.
5/21/2019

Witness:
5/21/2019
Date


Signature

Name: Maggie He

Address: 231 Brookline St. Apt 4L
Cambridge, MA 02139

Witness:
5/21/2019
Date


Signature

Name: Jessica Beard

Address: 335A Harvard St #5
Cambridge, MA 02139

Attorney Docket No. M0925.70695US00

7238287.1