# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5631037

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
GEORGE CHEERAN VERGHESE	02/08/2018
MARGARET GAN GUO	02/12/2018
REBECCA MIELOSZYK	02/05/2018
THOMAS HELDT	02/23/2018

# **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:	16452631

### **CORRESPONDENCE DATA**

Fax Number: (617)646-8646

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.

Phone: 617-646-8000

patents\_DanW@wolfgreenfield.com, Email:

mitadministrators@wolfgreenfield.com

**Correspondent Name:** DANIEL T. WEHNER

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

Address Line 2: 600 ATLANTIC AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	M0925.70593US02
NAME OF SUBMITTER:	RACHEL T. MOULTON
SIGNATURE:	/Rachel T. Moulton/
DATE SIGNED:	07/23/2019

**Total Attachments: 24** 

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PATENT REEL: 049829 FRAME: 0777

### **ASSIGNMENT**

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

- Seil, 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 August 12, 2016 under No. 15/236,193, bearing Attorney Docket No. M0925,70593US01, and entitled SYSTEMS AND METHODS FOR PREDICTING ADVERSE EVENTS AND ASSESSING LEVEL OF SEDATION DURING MEDICAL PROCEDURES, 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. M0925.70593US01

- 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.

2/8/2018		Leave
Date / /	Inventor:	George Cheeran Verghese
	Address:	55 Farina Road
		Newton, Massachusetts 02459
	Citizenship:	us
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Date	Signature	?
	Name:	
	avame:	Ann D. Karleth
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	Name:	<u>Krishh Qana</u>
	Address:	<u> 150 635344 St</u>
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Date	Inventor:	Margaret Gan Guo
	Address:	11372 Cadence Grove Way
		San Anselmo, California 92130
	Citizenship:	US
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Attorney Docket No. M0925.70593US01		

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Date		Inventor:	Rebecca Mieloszyk	
		Address:	320 Memorial Drive,	Apt. 617
			Cambridge, Massac	husetts 02139
	Ci	tizenship:	US	
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		Name:		
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Attorr	ney Docket No. <b>M0925.70593US01</b>			

Date	Inventor:	Thomas Heldt
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		Cambridge, Massachusetts 02138
	Citizenship:	
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Witness:		
Date	Signature	
	Name:	
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	Name:	
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Attorney Docket No. M0925.70593US01		

# ASSIGNMENT

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

- 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 August 12, 2016 under No. 15/236,193, bearing Attorney Docket No. M0925.70593US01, and entitled SYSTEMS AND METHODS FOR PREDICTING ADVERSE EVENTS AND ASSESSING LEVEL OF SEDATION DURING MEDICAL PROCEDURES, 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 subcook to any published United States. patent application, on the inventions and designs.
- Agree that the Assignee may apply for and the cetters 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. M0925.70593US01

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- 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
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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. M0925.70593US01

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Date Control of the c	Inventor: Margaret Gan Guo Address: 1372 Cadence Grove Way  Sen Ancelma, California 92130  Citizenship: USAN CASJO, MAG OZ/12/18
Witness:  2/(2/18  Date	Address: 121 Campus Dr. #31028 Stanford, (A 94305
Witness:	Name JENIKO YOO

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Address:

781 Cscondido Rd AprilooB

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Date	Inventor: Address: Citizenship:	Rebecca Mieloszyk 320 Memorial Drive, Apt. 617 Cambridge, Massachusetts 02139 US
Witness:		
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	Name:	
	Address:	
Witness:		
Date	Signature	<del>3</del>
	Name:	
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PATENT REEL: 049829 FRAME: 0788

Date	inventor:	Thomas Hold
	Address:	1039 Massachuselts Avenue
		<b>#</b> 503
		Cambridge, Massachusetts 02138
	Citizenship:	Germany
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Attorney Docket No. M0925.70593US01		
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PATENT REEL: 049829 FRAME: 0789

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Date	Inventor:	George Cheeran Verghese	
	Address:	55 Farina Road	
		Newton, Massachusetts 02459	
	Citizenship:	US	
Witness:			
Date	Signature		
	Name:		
	Address:		
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Date	Inventor:	Margaret Gan Guo
	Address:	11372 Cadence Grove Way
		San Anselmo, California 92130
	Citizenship:	US
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Witness: 2/5-/18 Date	Signature	19
	Name:	PRASHANTH PAI
	Address:	22100 BOTHELL EVT. HWY
Witness:  OLIOS/18  Date	Olgriaturo	BOTHELL 98021
	Name:	Larissa Prates Guimoraes Petroianu
	Address:	1703 Honvard Avenue #6
		Seattle, WA 98122

Date	Inventor:	Thomas Heldt
	Address:	1039 Massachusetts Avenue
		# 503
		Cambridge, Massachusetts 02138
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Date	Inventor:	George Cheeran Verghese
	Address:	55 Farina Road
		Newton, Massachusetts 02459
	Citizenship:	US
Witness:		
Date	Signature	)
	Name:	
	Address:	
Witness:		
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	Name:	
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Date	Inventor:	Margaret Gan Guo
	Address:	11372 Cadence Grove Way
		San Anselmo, California 92130
	Citizenship:	US
Witness:		
Date	Signature	)
	Name:	
	Address:	
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	Name:	
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Date	Inventor:	Rebecca Mieloszyk
	Address:	320 Memorial Drive, Apt. 617
		Cambridge, Massachusetts 02139
	Citizenship:	US
Witness:		
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	Name:	
	Address:	
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	Name:	
	Address:	

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Date	Inventor: Thomas Held	lt
	Address: 1039 Massac	chusetts Avenue
	# 503	
	Cambridge, N	Massachusetts 02138
	Citizenship: Germany	
Witness: 02/23/2018  Date		UNTERBERG
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Witness: 02/23/2018	$\mathcal{M}$	1. Helel
Date	Signature	

PATENT REEL: 049829 FRAME: 0801

Name: Ulsich Heldt

Address: Spielbergsts. 61

3 55277 Stadecken - Elsheim

RECORDED: 07/23/2019