12/09/2019 505809286 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ	·			
		Name	Execution Date		
Jae Keith Joung			10/15/2015		
Eric M. Mendenhall			06/19/2015		
Bradley E. Bernstein			06/23/2015		
Deepak Reyon			10/28/2015		
			1		
Name:		VERAL HOSPITAL CORPORATION			
Street Address:		I STREET			
City:	BOSTON	-			
State/Country:		CHUSETTS			
Postal Code:	02114				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
Application Number:					
	I				
CORRESPONDENCE D	ΑΤΑ				
Fax Number:	•	377)769-7945			
		he e-mail address first; if that is u if that is unsuccessful, it will be s			
•		1 (212) 641-2267			
Email:					
Correspondent Name:	•				
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ATTORNEY DOCKET NUMBER:		40174-0005002	40174-0005002		
NAME OF SUBMITTER:			CHRISTINE M. GRACE		
NAME OF SUBMITTER:		CHRISTINE M. GRACE			
NAME OF SUBMITTER: SIGNATURE:		/Christine M. GRACE			
SIGNATURE:		/Christine M. Grace/			
SIGNATURE: DATE SIGNED:		/Christine M. Grace/			

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MGHZ1890.05 US PG71

Attorney Docket No.: 40174-0005US1

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JAE KEITH JOUNG, ERIC M. MENDENHALL, BRADLEY E. BERNSTEIN, and DEEPAK REYON, each individually assign to THE GENERAL HOSPITAL CORPORATION, a corporation formed under the laws of <u>Massachusetts</u> and having a principal place of business at <u>55 Fruit Street</u>, <u>Boston</u>, MA 02114, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "<u>TRANSCRIPTION ACTIVATOR-LIKE EFFECTOR (TALE) -</u> <u>LYSINE-SPECIFIC DEMETHYLASE 1 (LSD1) FUSION PROTEINS</u>", and was filed in the United States Patent and Trademark Office on <u>April 10, 2015</u>, as application <u>14/435,065</u> (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

Assignment Page 1 of 6

declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

DATE:_ 10/15/15 Jae Keith Joung

The Commonwealth of Massachusetts

Hock

On this 15^{75} day of <u>*letober*</u>, 2015, before me, the undersigned notary public, personally appeared JAE KEITH JOUNG, proved to me through satisfactory evidence of identification, which were MGH ID _____, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that \underline{KEITH} signed it voluntarily for its stated purpose.



Dorothy G. Bunford Notary Public

Assignment Page 2 of 6

DATE: 0619

Eric M. Mendenhall

The Commonwealth of Massachusetts

Mudion Co; AL SŚ.



On this $\underline{19}$ day of \underline{June} , 20 $\underline{6}$, before me, the undersigned notary public, personally appeared \underline{Kic} , <u>Menden ball</u>, proved to me through satisfactory evidence of identification, which were <u>AL drivers license</u>, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that <u>we</u> signed it voluntarily for its stated purpose.



Notary Public Cynthia L Smith My commission expires October 29,2016

Assignment Page 3 of 6

MGHZ1890.65 US PG7J

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>JAE KEITH JOUNG</u>, <u>ERIC M. MENDENHALL</u>, <u>BRADLEY E.</u> <u>BERNSTEIN</u>, and <u>DEEPAK REYON</u>, each individually assign to <u>THE GENERAL HOSPITAL</u> <u>CORPORATION</u>, a corporation formed under the laws of <u>Massachusetts</u> and having a principal place of business at <u>55 Fruit Street</u>, <u>Boston</u>, <u>MA 02114</u>, and its successors, transferees, and assignces (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "<u>TRANSCRIPTION ACTIVATOR-LIKE EFFECTOR (TALE) -</u> <u>LYSINE-SPECIFIC DEMETHYLASE 1 (LSD1) FUSION PROTEINS</u>", and was filed in the United States Patent and Trademark Office on <u>April 10, 2015</u>, as application <u>14/435,065</u> (the "Application").

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We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

Assignment Page 1 of 6

Keyon

10/28 DATE:

Deepak Reyon

The Commonwealth of Massachusetts

Middlosex SS.



On this 28 day of 0.406, 20, before me, the undersigned notary public, personally appeared \underline{Deepak} Reyon, proved to me through satisfactory evidence of identification, which were $\underline{license}$, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that \underline{Deepak} signed it voluntarily for its stated purpose.

Jenne 10. Fruchi Notary Public

JENNIFER D. FRANKLIN Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires February 5, 2021

Assignment Page 5 of 6

Assignee: THE GENERAL HOSPITAL CORPORATION	
Signature: K	Date: 11 5 15
Name: BRUCE Tedeschi	
Title: <u>ASSOCIATE DIREctor</u> of IP On behalf of The	
on behalt of the	General Hospital (ortugation
The Commonwealth of Massachuse	Bruce W. Tedeschi, PhD, JD Associate Director
SS.	Innovation Partners Healthcare
On this <u>5</u> day of <u>November</u> , 20 <u>15</u> , befor public, personally appeared <u>Brvce Tedeschi</u>	, proved to me through
satisfactory evidence of identification, which were $UOOK \pm D$	
the person(s) whose name(s) is/are signed on the preceding or atta acknowledged to me that	
Jatuma / Notary Public	luloe
IN 13 / COMMON	TIANA DUBOSE Notary Public IWEALTH OF MASSACHUSETTS Commission Expires July 8, 2022

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignment Page 6 of 6

MGH21890.05 US PCT1

Attorney Docket No.: 40174-0005US1

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JAE KEITH JOUNG, ERIC M, MENDENHALL, BRADLEY E, BERNSTEIN, and DEEPAK REYON, each individually assign to THE GENERAL HOSPITAL CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at 55 Fruit Street, Boston, MA 02114, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "TRANSCRIPTION ACTIVATOR-LIKE EFFECTOR (TALE) - LYSINE-SPECIFIC DEMETHYLASE 1 (LSD1) FUSION PROTEINS", and was filed in the United States Patent and Trademark Office on April 10, 2015, as application 14/435,065 (the "Application").

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Assignment Page 1 of 6

DATE:_______

Bradley E. Bernstein

The Commonwealth of Massachusetts

Suffilk



SS.

On this 23^{rd} day of 0046, 2015, before me, the undersigned notary public, personally appeared Brackley E. BEANSTarh, proved to me through satisfactory evidence of identification, which were 104 DE1VEE5 2020, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that H = signed it voluntarily for its stated purpose.

J*EUMAL M. Kold* Jotary Public

JEANNE M. KOTELLY Nintáry Public Massachusents Commissión Expirés Már 27, 2020

Assignment Page 4 of 6

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JAE KEITH JOUNG, ERIC M. MENDENHALL, BRADLEY E. <u>BERNSTEIN</u>, and <u>DEEPAK REYON</u>, each individually assign to <u>THE GENERAL HOSPITAL</u> <u>CORPORATION</u>, a corporation formed under the laws of <u>Massachusetts</u> and having a principal place of business at <u>55 Fruit Street</u>, <u>Boston</u>, <u>MA 02114</u>, and its successors, transferees, and assignces (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "<u>TRANSCRIPTION ACTIVATOR-LIKE EFFECTOR (TALE)</u> -<u>LYSINE-SPECIFIC DEMETHYLASE 1 (LSD1) FUSION PROTEINS</u>", and was filed in the United States Patent and Trademark Office on <u>April 10</u>, 2015, as application <u>14/435,065</u> (the "Application").

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Assignment Page 1 of 6

declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

DATE:_____

Jae Keith Joung

The Commonwealth of Massachusetts



SS.

On this	day of	, 20,	before me, the undersigned not	ary
public, personally appe	ared		, proved to me through	
satisfactory evidence of	f identification, wh	nich were	, t	o be
the person(s) whose na	me(s) is/are signed	I on the preceding	or attached document, and	
acknowledged to me th	atsign	ed it voluntarily fo	or its stated purpose.	

Notary Public

Assignment Page 2 of 6

PATENT REEL: 056992 FRAME: 0280

		DATE:
Eric M. Mendenhal	1	
	The Co	ommonwealth of Massachusetts
·	SS,	
On this	day of	, 20, before me, the undersigned notary
public, personally a	ppeared	, proved to me through
satisfactory evidenc	e of identification	on, which were, to be
the person(s) whose	name(s) is/are	signed on the preceding or attached document, and
acknowledged to m	e that	_ signed it voluntarily for its stated purpose.

Notary Public

Assignment Page 3 of 6

		DATE:
Bradley E. Bernsteir	1	
	The Con	nmonwealth of Massachusetts
	SS.	
On this	day of	, 20, before me, the undersigned notary
public, personally a	peared	, proved to me through
satisfactory evidence	e of identification	, which were, to be
the person(s) whose	name(s) is/are si	gned on the preceding or attached document, and

acknowledged to me that ______ signed it voluntarily for its stated purpose.

Notary Public

Assignment Page 4 of 6

DATE: 10/28/2015

Deepak Reyon

The Commonwealth of Massachusetts

Middlosex ss.



On this 28 day of $(\chi + 66)$, 20, before me, the undersigned notary public, personally appeared $\underline{Deepark}$ \underline{Reyon} , proved to me through satisfactory evidence of identification, which were $\underline{license}$, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that $\underline{Deepark}$ signed it voluntarily for its stated purpose.

Jonap D. Fruchi





Assignment Page 5 of 6

The Assignee hereby acknowledges and accepts the for	egoing assignment.	
Assignce: THE GENERAL HOSPITAL CORPORATE	ON	
Signature:	Date:	
Name:		
Title:		

The Commonwealth of Massachusetts



SS.

On this day of	, 20, before me, the undersigned notary
public, personally appeared	, proved to me through
satisfactory evidence of identi	cation, which were, to be
the person(s) whose name(s) i	are signed on the preceding or attached document, and
acknowledged to me that	signed it voluntarily for its stated purpose.

Notary Public

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Assignment Page 6 of 6

PATENT REEL: 056292 FRAME: 0285

RECORDED: 12/09/2019