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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL BLAINEY	12/19/2017

RECEIVING PARTY DATA

Name:	THE BROAD INSTITUTE, INC.
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L	
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PROPERTY NUMBERS Total: 2

Property Type	Number
PCT Number:	US2014060438
Application Number:	15099371

CORRESPONDENCE DATA

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SIGNATURE:	/Christopher R. Cowles/
DATE SIGNED:	07/27/2020

Total Attachments: 3

PATENT REEL: 053318 FRAME: 0744 source=52199-529 Series - Paul Blainey Assignment#page1.tif source=52199-529 Series - Paul Blainey Assignment#page2.tif source=52199-529 Series - Paul Blainey Assignment#page3.tif

> PATENT REEL: 053318 FRAME: 0745

ASSIGNMENT

I, Paul Blainey, residing at: 8 James Way, Cambridge, MA 02141, USA, being the inventor(s) of certain improvements in the international application entitled: SMALL MOLECULE TRANSCRIPTION FACTORS AND USES THEREOF for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby assign unto THE BROAD INSTITUTE, INC. having a place of business at 415 Main Street, Cambridge MA 02142, USA, and MASSACHUSETTS INSTITUTE OF TECHNOLOGY having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139 its successors and assigns (1) the entire right, title and interest in all countries throughout the world in and to any and all of my inventions and discoveries in my United States Provisional Application No. 61/890,758 filed October 14, 2013 and a PCT International Application filed under the Patent Cooperation Treaty in the PCT United States Receiving Office (RO/US) on October 14, 2014, identified as International Application No. PCT/US2014/060438, and designating all PCT member countries/states, as well as in any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of THE BROAD INSTITUTE, INC. and MASSACHUSETTS INSTITUTE OF TECHNOLOGY, or their designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following application(s):

United States Provisional Application No. 61/890,758 filed October 14, 2013 and all rights of priority in any country of the world deriving from the above-identified International Application.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to THE BROAD INSTITUTE, INC. and MASSACHUSETTS INSTITUTE OF TECHNOLOGY as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

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PATENT REEL: 053318 FRAME: 0746 I agree, at any time, upon the request of THE BROAD INSTITUTE, INC. and MASSACHUSETTS INSTITUTE OF TECHNOLOGY to execute and to deliver to THE BROAD INSTITUTE, INC. and MASSACHUSETTS INSTITUTE OF TECHNOLOGY any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree, at any time, upon request of THE BROAD INSTITUTE, INC. and MASSACHUSETTS INSTITUTE OF TECHNOLOGY, to execute and to deliver to THE BROAD INSTITUTE, INC. and MASSACHUSETTS INSTITUTE OF TECHNOLOGY, such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do what is necessary to give full effect to and to perfect any and all rights of THE BROAD INSTITUTE, INC. and MASSACHUSETTS INSTITUTE OF TECHNOLOGY, under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

In testimony of which I have hereupon affixed my signature it is my intention that this Assignment instrument be effective, and all rights transferred herein shall be considered to have vested in THE BROAD INSTITUTE, INC. and MASSACHUSETTS INSTITUTE OF TECHNOLOGY as from the October 14, 2013 filling date of the first filed United States Provisional Application No. 61/890,758 from which priority-is hereby claimed.

Luzzi/L. Date

Witness 1

Maria Maria

Paúl Blaincy

Signature

Print Name

Patent 46783,99,2002 / B1-2012/040

	/	46783.99.2002 / BI-2012/040
Witness 2	$\mathcal{L}_{\mathfrak{A}}$	
/2/19/12	alle	•
Date	Signature	
	Print Name	·
	ACCEPTANCE OF ASSIGNMENT	
I, Jennfer Elliott	on behalf of Assignee, The Bro	ad Institute, Inc., accept the
	s an inventor on the above-referenced	
12/19/17	link Ellet	
WARE TO A STATE OF THE STATE OF		a,
Date	Signature	
	Jennifer Elliott	
	Print Name	
	Dreitn, (P	
	Title	~
	ACCEPTANCE OF ASSIGNMENT	7
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	e on behalf of Assignee, Massachu l Blainey as an inventor on the above-	
secole are assignment at the		
100/11/10/8	(Kayer 1) May 1) M	
Date	Signature	
	Print National Nation	
	Title	

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