506035584 04/28/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER VAN GALEN	12/20/2018

RECEIVING PARTY DATA

Name:	THE GENERAL HOSPITAL CORPORATION
Street Address:	55 FRUIT STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02114

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16758485

CORRESPONDENCE DATA

Fax Number: (240)359-4879

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.

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Email: BROD.Assignments@jmi-iplaw.com

Correspondent Name: F. BRENT NIX, ESQ.

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Address Line 2: P.O. BOX 691

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ATTORNEY DOCKET NUMBER:	BROD-2325US
NAME OF SUBMITTER:	SUSAN FRATTURA
SIGNATURE:	/Susan Frattura/
DATE SIGNED:	04/28/2020

Total Attachments: 3

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PATENT 506035584 REEL: 052516 FRAME: 0579

WHEREAS, we, BRADLEY BERNSTEIN, having a correspondence address of c/o 55 Fruit Street, Boston, Massachusetts 02114, PETER VAN GALEN, having a correspondence address of c/o 55 Fruit Street, Boston, Massachusetts 02114, and VOLKER HOVESTADT, having a correspondence address of c/o 55 Fruit Street, Boston, Massachusetts 02114, have invented with others certain inventions and improvements disclosed in an International PCT Patent Application entitled "CALLING GENETIC VARIATION FROM SINGLE-CELL TRANSCRIPTOMES," filed in the United States Patent and Trademark Office as Receiving Office on October 23, 2018 and assigned PCT International Application No. PCT/US2018/057170; and

WHEREAS, THE GENERAL HOSPITAL CORPORATION, having a principal place of business at 55 Fruit Street, Boston, Massachusetts 02114, is desirous of acquiring an interest in the same; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, BRADLEY BERNSTEIN, PETER VAN GALEN, and VOLKER HOVESTADT, by these presents, do sell, assign, and transfer unto said Assignee, THE GENERAL HOSPITAL CORPORATION, our full, exclusive, and entire right, title, and interest in and to said applications, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefor, and we hereby request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from said applications, or from a division, continuation, reexamination, or reissue thereof, to THE GENERAL HOSPITAL CORPORATION, for its interest and for the use and benefit of THE GENERAL HOSPITAL CORPORATION, as assignee, and its assigns and legal representatives;

For the same consideration, we, by these presents, do sell, assign, and transfer to THE GENERAL HOSPITAL CORPORATION, our full, exclusive, and entire right, title, and interest in and to any foreign application or applications corresponding to said applications, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of THE GENERAL HOSPITAL CORPORATION, or its designees insofar as permitted by applicable law;

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid THE GENERAL HOSPITAL CORPORATION, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

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Assignment PCT Application No. PCT/US2018/057170 Bernstein, Van Galen, Hovestadt

In testimony whereof, we hereunto set our hands and seals on the dates indicated below.

	BRADLEY BERNSTEIN	DATE
COMMONWEALTH OF MASSACH		
COUNTY OF MIDDLESEX		
	·	
The state of the s	ablic in and for the aforementioned state, on this	
	personally appeared BRADLEY BERNSTE	N, who,
being duly sworn, signed and acknowle	edged the foregoing Assignment.	
	NOTARY PUBLIC	
	My Commission Expires:	
	•	
	al Dec	20, 20
	PETER VAN GALEN DATE	
COMMONWEALTH OF MASSACH	USETTS	
COUNTY OF MIDDLESEX		
	Tila (1984) Alaka	July .
	ablic in and for the aforementioned state, on this	∠day
or 10000 520 520 520 520 520 520 520 520 520	/X, personally appeared PETER VAN GALE	N, wno,
being duly sworn, signed and acknowle		1
	NOTARY PUBLIC CONTRA	to
	My Commission Expires:	
	CARMELINA M. COMMITO Notary Public Commonwealth of Massachusetts My Commission Expires March 16, 2023	

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Assignment PCT Application No. PCT/US2018/057170 Bernstein, Van Galen, Hovestadt

		VOLKER HOVESTADT	DATE
COMMONWEALTH OF M	IASSACHU:		100 1 1 1 100
COUNTY OF MIDDLESE	Χ.		
Before me, a	Notary Publ	ic in and for the aforementioned state, on this	day
of	, 20	, personally appeared VOLKER HOVESTA	DT, who,
being duly sworn, signed an	d acknowled	ged the foregoing Assignment.	
		NOTARY PUBLIC	
		My Commission Expires:	

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RECORDED: 04/28/2020

PATENT REEL: 052516 FRAME: 0582