504344121 04/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4390809

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CYTOKINETICS, INC.	04/26/2017

RECEIVING PARTY DATA

Name:	GLOBAL BLOOD THERAPEUTICS, INC.	
Street Address:	400 EAST JAMIE COURT, SUITE 101	
City:	SOUTH SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94080	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14776603

CORRESPONDENCE DATA

Fax Number: (212)755-7306

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: 650-739-3939

Email: wtokmakidis@jonesday.com, sltorres@jonesday.com

Correspondent Name: WENDY TOKMAKIDIS
Address Line 1: 250 VESEY STREET

Address Line 4: NEW YORK, NEW YORK 10281-1047

ATTORNEY DOCKET NUMBER:	14208-047-999	
NAME OF SUBMITTER:	A. PATRICIA CAMPBELL	
SIGNATURE:	/A. Patricia Campbell/	
DATE SIGNED:	04/28/2017	

Total Attachments: 2

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PATENT 504344121 REEL: 042183 FRAME: 0009

ASSIGNMENT

WHEREAS, Cytokinetics, Inc., a public corporation organized and existing under the laws of Delaware, U.S.A., and having an office for the transaction of business at 280 East Grand Avenue, South San Francisco, CA 94080, ASSIGNOR, has right, title and interest in, to and under the Application for a Patent of the United States set forth below and the inventions covered thereby.

TITLE: COMPOUNDS AND USES THEREOF FOR THE MODULATION OF HEMOGLOBIN

- which is identified by Jones Day docket no. 14208-047-999/246677-999047 and is a continuation application of U.S. Patent Application Number 14/776,603.
- ASSIGNOR hereby authorizes and requests Applicant or it's Representative, to insert here in parentheses (Application number, filed) the filing date and application number of said application when known.

WHEREAS, Global Blood Therapeutics, Inc., a corporation organized and existing under the laws of the state of Delaware, U.S.A., and having an office for the transaction of business at 400 East Jamie Court, Suite 101, South San Francisco, CA 94080, ASSIGNEE, is desirous of obtaining ASSIGNOR's entire right, title and interest in, to and under the Application for a Patent and the inventions covered thereby.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has irrevocably sold, assigned, transferred and set over, and by these presents do hereby irrevocably sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, its entire right, title and interest in, to and under the said invention, and the said United States Application for a Patent including, without limitation, all utility, design, divisions, renewals and continuations (in whole or in part) thereof, and all Patents which may be granted thereon, and all pre-grant forms, reissues, reexaminations, supplemental certificates, and extensions of any of the foregoing; and equivalents or counterparts of any of the foregoing; together with the right to file such applications and the right to claim for the same the priority rights derived from said Patents and Applications for Patent; for ASSIGNEE's use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this assignment had not been made; and all right to bring, make, oppose, defend, appeal proceedings, claims, or actions and obtain relief (and to retain any damages recovered whether such damages arose prior to or subsequent to the date of this Agreement) in respect of any infringement, or any other cause of action arising from ownership of the Patents, whether arising prior to or subsequent to the date of this Assignment.

AND ASSIGNOR HEREBY grants full and irrevocable power of attorney and authorizes and requests the Commissioner for Patents and any Official of the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument, for the sole use and enjoyment of ASSIGNEE and its respective successors, assigns or other legal representatives.

AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey the entire right, title, and interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR shall provide ASSIGNEE, its successors, assigns or other legal representatives, reasonable cooperation and assistance (including the execution and delivery of any and all affidavits, declarations, oaths, exhibits, assignments, powers of attorney or other documentation as may be reasonably required) as requested by ASSIGNEE in writing without any additional compensation in connection with (i) perfection of the rights assigned herein, including the preparation, execution, and delivery of all documentation which may be reasonably necessary to further document and record the assignment of the Patents made herein; and (ii) obtaining any additional protection that ASSIGNEE may reasonably deem appropriate which may be secured under the laws now or hereafter in effect. If ASSIGNEE is unable for any reason, after diligent reasonable effort, to secure ASSIGNOR's signature on any document needed in connection with the actions specified above, ASSIGNOR hereby irrevocably designates and appoints ASSIGNEE and its duly authorized officers and agents as its agent and attorney in fact, which appointment is coupled with an interest, to act for and in its behalf to execute, verify and file any such documents and to do all other lawfully permitted acts to further the purposes of this paragraph with the same legal force and effect as if executed by ASSIGNOR.

This Assignment may be executed in counterparts, each of which so executed will be deemed to be an original, and such counterparts together will constitute one and the same agreement.

ASSIGNOR: Cytokinetics, Inc.

Signature CAMCAGULL

Printed name: Caryn McDowell

Title: General Counse! + CCO

ACCEPTED AND AGREED TO BY ASSIGNEE, GLOBAL BLOOD THERAPEUTICS, INC.,

Signature Date: 274017

Printed name: Maia Mana

IN TESTIMONY WHEREOF, ASSIGNOR and ASSIGNEE have executed this Assignment as of the day and year first above

written opposite its respective signature.