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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4868512

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIHYUAN CHUANG	02/27/2013

RECEIVING PARTY DATA

Name:	CYTOKINETICS, INC.
Street Address:	280 EAST GRAND AVENUE
City:	SOUTH SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94080

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15852406

CORRESPONDENCE DATA

Fax Number: (650)815-2601

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: abaker@sheppardmullin.com, svipdocketing@sheppardmullin.com

Correspondent Name: SHEPPARD MULLIN RICHTER & HAMPTON LLP

Address Line 1: 379 LYTTON AVENUE

Address Line 2: JOY NEMIROW

Address Line 4: PALO ALTO, CALIFORNIA 94301

ATTORNEY DOCKET NUMBER:	57LZ-259600-US5
NAME OF SUBMITTER:	JOY NEMIROW
SIGNATURE:	/Joy Nemirow/
DATE SIGNED:	03/15/2018

Total Attachments: 4

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> **PATENT** REEL: 045238 FRAME: 0111 504821777

Attorney Docket No.: 94031-000210US-859858

ASSIGNMENT OF NONPROVISIONAL PATENT APPLICATION

WHEREAS, Chihyuan Chuang of Millbrae, CA; Bradley Morgan of Moraga, CA; and Jeffrey Warrington of San Mateo, CA, hereinafter referred to as "Assignors," are inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention:

SUBSTITUTED BENZALDEHYDE COMPOUNDS

AND METHODS FOR THEIR USE IN INCREASING

TISSUE OXYGENATION

and

Filing Date:

December 28, 2012

Application No.:

13/730,674;

WHEREAS, CYTOKINETICS, INC., located at 280 EAST GRAND AVENUE, SOUTH SAN FRANCISCO, CA 94080, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned and do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignors, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

PATENT REEL: 045238 FRAME: 0112 IN TESTIMONY WHEREOF, Assignors have signed Assignors' name on the date indicated.

Dated:	Chihyuan Chuang
SIGNATURE WITNESSED BY:	
Dated: <u>\$\begin{align*} 2/27/13</u>	Signature of Witness
	Signature of witness Streng Liven Printed Name
Dated: 2/27/20/3	Dand Mal
	Signature of Witness Daud A Clar L
	Printed Name
Dated:	Bradley Morgan
SIGNATURE WITNESSED BY:	
Dated:	Signature of Witness
	Printed Name
Dated:	C' CW/4
	Signature of Witness
	Printed Name

PATENT REEL: 045238 FRAME: 0113 IN TESTIMONY WHEREOF, Assignors have signed Assignors' name on the date

indicated.

Dated:	Chihyuan Chuang
SIGNATURE WITNESSED BY:	
Dated:	Signature of Witness
	Printed Name
Dated:	Signature of Witness
	Printed Name
Dated: <u>05-MAR-7013</u>	Bradley Morgan
SIGNATURE WITNESSED BY: Dated: 05-Ma-2012	Jakan -
	Signature of Witness Gustave Cersues Printed Name
Dated: 3/5/13	Many Rawley Signature of Witness
* *	MARY ROWLEY Printed Name

Assignment Attorney Docket No.: 94031-000210US-859858 Page 3	4
Dated: 3/2/26/3	Jeffrey Warrington
SIGNATURE WITNESSED BY:	
Dated: 3-2/-/3	Many Lowley
Dava.	Signature of Witness
	MARY ROWLEY
	Printed Name

Signature of Witness

Gustare Bergnas
Printed Name

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Dated: 3-21-15

RECORDED: 03/15/2018