503266103 04/15/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3312721

PAIENI

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHAN D. OSLOB	02/19/2015
ROBERT S. MCDOWELL	02/17/2015
RUSSELL JOHNSON	02/04/2015
HANBIAO YANG	02/11/2015
MARC EVANCHIK	02/17/2015
CRISTIANA A. ZAHARIA	02/12/2015
HAIYING CAI	02/15/2015
LILY W. HU	02/04/2015

RECEIVING PARTY DATA

Name:	3-V BIOSCIENCES, INC.	
Street Address:	050 HAMILTON COURT	
City:	MENLO PARK	
State/Country:	CALIFORNIA	
Postal Code:	94025	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14587908

CORRESPONDENCE DATA

Fax Number: (202)842-7899

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: 2064528700

Email: sclingerman@cooley.com, zPatDCDocketing@cooley.com

Correspondent Name: COOLEY LLP

Address Line 1: 1299 PENNSYLVANIA AVE, NW, SUITE 700
Address Line 2: ATTN: PATENT DEPT/MICHAEL P. COOPER

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	3VBI-002/04US 309121-2053		
NAME OF SUBMITTER:	MICHAEL P. COOPER		
SIGNATURE:	/Michael P. Cooper/		

503266103 REEL: 035419 FRAME: 0588

DATE SIGNED:	04/15/2015		
Total Attachments: 6			
source=3VBI002_04US_ASSIGN#page	e1.tif		
source=3VBI002_04US_ASSIGN#page2.tif			
source=3VBI002_04US_ASSIGN#page3.tif			
source=3VBI002_04US_ASSIGN#page4.tif			
source=3VBI002_04US_ASSIGN#page5.tif			
source=3VBI002_04US_ASSIGN#page6.tif			

PATENT REEL: 035419 FRAME: 0589

ASSIGNMENT

adol	ın D. Oslo	b, Rol	ert S. I	/IcDowell	, Rus	sell Jo	hnso	m, E	Ianbia	o Yang,	Ma	erc
Evanchik,	Cristiana	A. Za	aharia,	Haiying	Cai,	Lily	W.	Hu	(each	referred	to	as
"Assignor")	have mad	e an in	vention(s) (the "li	iventi	on(s)") set	forth	in an	applicati	ion	for
patent of the	e United !	States,	entitled	HETER	OCY	CLIC	MO	DUL	ATO	RS OF	LIP	ID
<u>Synthesi</u>	$oxed{S}$, and wh	ich is a	t:									•

(1)	provisional application (a) to be filed herewith; or (b) bearing Application No., and filed on	;		
(2)	 ∑ non-provisional application (a)	and	filed	on
(3)	PCT application (a) bearing Application No., and filed on			

WHEREAS, 3-V Biosciences, Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1050 Hamilton Court, Menlo Park, California 94025 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified in paragraph (1), (2) and/or (3); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover damages, including royalties, for prior infringements of these application(s); and any patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified in paragraph (1), (2) and/or (3);

PATENT REEL: 035419 FRAME: 0590

- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified in paragraph (1), (2) and/or (3) or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified in paragraph (1), (2) and/or (3) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date:	By: Johan D. Oslob
Date:	By:Robert S. McDowell
Date: 02-04-2015	By: Russell Johnson
Date:	By:Hanbaio Yang
Date:	By: Marc Evanchik
Date:	By: Cristiana A. Zaharia
Date: 2/5/2015	By: Aging Cai
Date: 2/4/2015	By: Lily W. Har

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified in paragraph (1), (2) and/or (3) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date:	Bv:		
	•	Johan D. Oslob	
Date:	By:	Robert S. McDowell	
		Robert S. McDowell	
Date:	By:	**	
		Russell Johnson	
Date:	By:	,	
	·	Hanbaio Yang	
Date:	Ву:	Marc Evanchik	***************************************
		Marc Evanchik	
Date: Feb. 12,2015	Bv:	<u>Q</u>	
	2,	Cristiana A, Zaharia	
Date:	By:		
	~	Haiying Cai	
Date:	Ву:		
	·	Lily W. Hu	

PATENT REEL: 035419 FRAME: 0593

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified in paragraph (1), (2) and/or (3) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date:	Ву:	Johan D. Oslob
Date:	By:	Robert S. McDowell
Date:		Russell Johnson
Date: 2/11/2015	By:	Yay Hack Hanbaio Yang
Date:	Ву	Marc Evanchik
Date:	By:	Cristiana A. Zaharia
Date:	Ву:	Haiying Cai
Date:	Byt	Lily W. Hu

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified in paragraph (1), (2) and/or (3) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 2/19/2015	Ву:	Johan D. Oslob
Date: 2/17/2015	By:	Nobert S. McDowell
Date:	Ву:	Russell Johnson
Date:	Byt	Hanbaio Yang
Date: 2/17/2015	Ву	Marc Evanchik
Date:	By:	Cristiana A. Zaharia
Date:	By:	Haiying Cai
Date:	Ву:	Lily W. Hu

PATENT REEL: 035419 FRAME: 0595

RECORDED: 04/15/2015