504553184 09/19/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEANNICK CIZEAU	03/31/2017
ARJUNE PREMSUKH	03/31/2017
SHILPA CHOONIEDASS	03/31/2017
GLEN C. MACDONALD	03/31/2017
JOYCELYN ENTWISTLE	04/01/2017

RECEIVING PARTY DATA

Name:	VIVENTIA BIO INC.
Street Address:	147 HAMELIN STREET
City:	WINNIPEG, MB
State/Country:	CANADA
Postal Code:	R3T 3Z1

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	61885817
Application Number:	62030805
Application Number:	15026834

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: 202-842-7800

Email: zpatdcdocketing@cooley.com

Correspondent Name: COOLEY LLP ATTN: PATENT GROUP

Address Line 1: 1299 PENNSYLVANIA AVENUE, NW, SUITE 700

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ATTORNEY DOCKET NUMBER:	ELEV-023/00-01-02US
NAME OF SUBMITTER:	MEGHANN K. TEAGUE
SIGNATURE:	/Meghann K. Teague/
DATE SIGNED:	09/19/2017

PATENT 504553184 REEL: 043619 FRAME: 0513

Total Attachments: 8 source=ELEV-023-02US_Assignment_AsEFiled_09_19_17#page1.tif source=ELEV-023-02US_Assignment_AsEFiled_09_19_17#page2.tif source=ELEV-023-02US_Assignment_AsEFiled_09_19_17#page3.tif source=ELEV-023-02US_Assignment_AsEFiled_09_19_17#page4.tif source=ELEV-023-02US_Assignment_AsEFiled_09_19_17#page5.tif source=ELEV-023-02US_Assignment_AsEFiled_09_19_17#page6.tif source=ELEV-023-02US_Assignment_AsEFiled_09_19_17#page7.tif source=ELEV-023-02US_Assignment_AsEFiled_09_19_17#page8.tif

PATENT REEL: 043619 FRAME: 0514

ASSIGNMENT

Jeannick CIZEAU, residing at 56 Roseglen Crescent, Winnipeg, Manitoba, Canada R3Y 1R5, Arjune PREMSUKH, residing at 19 Brookland Bay, Winnipeg, Manitoba, Canada R3Y 0C1, Shilpa CHOONIEDASS, residing at 59 Pincarrow Road, Winnipeg, Manitoba, Canada R3Y 1E3, Glen MACDONALD, residing at 475 Raglan Road, Winnipeg, Manitoba, Canada R3G 3E4, and Joveelyn ENTWISTLE, residing at 380 Lindenwood Drive East, Winnipeg, Manitoba, Canada R3P 2H1 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled ANTI-EPCAM ANTIBODIES AND METHODS OF USE, and which is a:

(1)	provisional application	
	(a)	to be filed herewith; or
	(b)	X bearing Application No. 61/885,817, and filed on
		October 2, 2013; and/or
(2)	□ non-provis	ional application
	(a)	to be filed herewith; or
	(b)	bearing Application No. 62/030,805, and filed on July
		30, 2014; and/or
(3)	non-provis	ional application
	(a)	to be filed herewith; or
	(b)	bearing Application No. 15/026,834, and filed on
		<u>April 1, 2016</u> ; and/or
(4)	⊠ PCT Intern	ational application
\$ '3'	(a)	to be filed herewith; or
	(b)	bearing Application No. PCT/CA2014/050950, and
	(~)	filed on October 2, 2014.
		ARCON USE NUMBEROUSE AND ACCOUNTS

WHEREAS, VIVENTIA BIO INC. a corporation duly organized under and pursuant to the laws of Canada, and having its principal place of business at 147 Hamelin Street, Winnipeg, Manitoba, Canada R3T 3Z1 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; 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 any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all 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 a predecessor in interest of the

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Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of 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 above:
- (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 above 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 any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; 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

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that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

Attorney Docket No. ELEV-023/02US 329400-2335

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 proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

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 above 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.

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Date: March 31/2017 By:

Page 4 of 8 Jeannick CIZEAU

On, before	mě,	
Notary Public, personally appeared, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.		
WITNESS my hand and official seal.		
Signature of Notary Public	Place Notary Seal Above	
My Commission Expires:		

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Date: 31/MAR17	By: Arjune PREMSUKH
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who proved to me on the basis of sati	sfactory evidence, to be the person(s) whose
name(s) is/are subscribed to the withi	n instrument and acknowledged to me that
he/she/they executed the same in his/h	er/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrume	ent the person(s), or the entity upon behalf of
which the person(s) acted, executed the in	strument.
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	

Date: 31 Mar 17 By: Shifpa CHOONIEDASS

On, before me,, Notary Public, personally appeared, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal.		
Signature of Notary Public My Commission Expires:	Place Notary Seal Above	
Date: <u>Marsh 31/2017</u> By:	Glen C. MacDonald	

On, before me	,	
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his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of		
which the person(s) acted, executed the instrumer	st.	
WITNESS my hand and official seal.		
Signature of Notary Public	Place Notary Seal Above	
My Commission Expires:		
S	J	
Date: 01 APR 2017 By:	Jarcolon Ertes to	
Date by:	Joycelyn ENTWISTLE	
On, before me		
Notary Public, personally appeared		
who proved to me on the basis of satisfactory evidence, to be the person(s) whose		

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name(s) is/are subscribed to the within instrument ar	nd acknowledged to me that	
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which the person(s) acted, executed the instrument.		
WITNESS my hand and official seal.		
Signature of Notary Public	Place Notary Seal Above	
My Commission Expires:		
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PATENT REEL: 043619 FRAME: 0522