PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA	·	
	Name	Execution Date
Viventia Biotechnologies Inc.		08/09/2013
RECEIVING PARTY DATA		
Name: VIVENTIA BIO INC		
Street Address: 147 Hamelin Stree		
City: Winnipeg, MB		
State/Country: CANADA		
Postal Code: R3T 3Z1		
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Patent Number: 5639	363	
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CORRESPONDENCE DATA		5639
Fax Number: 4122810717		0 5639863
Fax Number:4122810717Correspondence will be sent via US Mail w		
Fax Number:4122810717Correspondence will be sent via US Mail wPhone:412-454-5000		\$40.00
Fax Number:4122810717Correspondence will be sent via US Mail wPhone:412-454-5000	@pepperlaw.com	
Fax Number:4122810717Correspondence will be sent via US Mail wPhone:412-454-5000Email:docketingpghCorrespondent Name:Pepper HamilAddress Line 1:500 Grant Str	@pepperlaw.com on LLP	\$40.00
Fax Number:4122810717Correspondence will be sent via US MailPhone:412-454-5000Email:docketingpghCorrespondent Name:Pepper HamilAddress Line 1:500 Grant StructureAddress Line 2:Suite 5000	@pepperlaw.com on LLP eet	\$40.00
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Fax Number:4122810717Correspondence will be sent via US Mail wPhone:412-454-5000Email:docketingpghCorrespondent Name:Pepper HamilAddress Line 1:500 Grant StrAddress Line 2:Suite 5000Address Line 4:Pittsburgh, PE	@pepperlaw.com con LLP eet CNNSYLVANIA 15219-2507	\$40.00
Fax Number:4122810717Correspondence will be sent via US Mail wPhone:412-454-5000Email:docketingpghCorrespondent Name:Pepper HamilAddress Line 1:500 Grant StrAddress Line 2:Suite 5000Address Line 4:Pittsburgh, PEATTORNEY DOCKET NUMBER:	@pepperlaw.com on LLP eet NNSYLVANIA 15219-2507 140260.01701	\$40.00
Fax Number:4122810717Correspondence will be sent via US Mail uPhone:412-454-5000Email:docketingpghCorrespondent Name:Pepper HamilAddress Line 1:500 Grant StrAddress Line 2:Suite 5000Address Line 4:Pittsburgh, PEATTORNEY DOCKET NUMBER:NAME OF SUBMITTER:	@pepperlaw.com ion LLP eet NNSYLVANIA 15219-2507 140260.01701 N. Nicole Endejann, Reg. No. 50229	\$40.00

PATENT REEL: 031144 FRAME: 0366

source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page1.tif source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page3.tif source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page3.tif source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page4.tif source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page5.tif source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page5.tif source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page6.tif source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page7.tif source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page8.tif source=Executed_Short_Form_Assignment_ViventaBiotechnologies_to_ViventiaBioInc#page8.tif

ASSIGNMENT

THIS ASSIGNMENT is made effective as of 2^{nd} day of January 2013.

WHEREAS, VIVENTIA BIOTECHNOLOGIES INC., a corporation existing under the laws of the Province of Ontario, having a business address at 147 Hamelin Street, Winnipeg, MB R3T 3Z1, (hereinafter referred to as "ASSIGNOR"), is the ASSIGNEE of certain inventions as set forth in Exhibit A (hereinafter collectively referred to as "PATENT PROPERTY").

WHEREAS, **VIVENTIA BIO INC.**, a corporation existing under the laws of the Province of Ontario, having a business address at 147 Hamelin Street, Winnipeg, MB R3T 3Z1, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said INVENTIONS and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor for said INVENTIONS.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, intending to be legally bound, has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said ASSIGNEE, the entire right, title and interest in and to said PATENT PROPERTY and any and all continuations, divisions and renewals of and substitutes for said PATENT PROPERTY and to and under any and all additional Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and the full right to sue for and recover all profits and damages recoverable for past infringement of the same, and assign to and authorize said ASSIGNEE to file applications for Letters Patent in all countries, to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, sale and transfer not been made.

AND it is hereby covenanted that ASSIGNOR has full right to convey my entire interest herein assigned, and that ASSIGNOR has not executed and will not execute any agreement in conflict herewith, and ASSIGNOR further covenants and agrees that it will each time a request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said PATENT PROPERTY in said ASSIGNEE, its successors, assigns, nominees, or legal representatives, and ASSIGNOR agrees to communicate to said ASSIGNEE or to its nominee all known facts respecting said PATENT PROPERTY, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said PATENT PROPERTY in any and all countries, all at the expense, however, of said ASSIGNEE, its successors, assigns, nominees, or legal representatives.

THE ASSIGNOR FURTHER WARRANTS AND COVENANTS that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned.

PATENT REEL: 031144 FRAME: 0368 AND ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as assignee of the entire right, title and interest, any and all Letters Patent for said PATENT PROPERTY, including any and all Letters Patent of the United States which may be issued and granted on or as a result of any applications in said PATENT PROPERTY, in accordance with the terms of this ASSIGNMENT.

IN WITNESS WHEREOF, the undersigned, being properly authorized to execute this ASSIGNMENT, hereunto sets their hand and seal on the $\underline{9}$ day of $\underline{2013}$.

VIVENTIA BIOTECHNOLOGIES INC.

ncie Day By: Name: Leslie Dan

Chairman

VIVENTIA BIO INC.

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PATENT REEL: 031144 FRAME: 0369 **EXHIBIT A**

ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDES ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION OF CANCERS	ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDES ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION OF CANCERS	ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDES ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION OF CANCERS	ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDES ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION OF CANCERS	ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDE ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION	ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDES ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION OF CANCERS	ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDES ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION OF CANCERS	ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDES ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION OF CANCERS	ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDES ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION OF CANCERS	997 0912738 07/30/2008 ANTIGEN BINDING FRAGMENTS THAT SPECIFICALLY DETECT CANCER CELLS, NUCLEOTIDES ENCODING THE FRAGMENTS, AND USE THEREOF FOR THE PROPHYLAXIS AND DETECTION OF CANCERS
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140260.008	8 00	NS	60/752,871	12/23/2005			METHODS FOR GENERATING IMMUNOTOXIN LIBRARIES AND USES THEREOF
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The first strength and the strength of the str	11/27/2008	11/27/2008	11/27/2008	03/26/2013	08/27/2008	06/14/2011	12/18/2007	12/19/2008	12/21/2009	12/22/2010	12/23/2011	12/23/2011	01/23/2008	01/26/2009	01/27/2010	01/28/2011	01/31/2012	02/01/2013	01/23/2008	01/26/2009	01/27/2010	01/28/2011	01/31/2012	02/01/2013	06/21/1994 5639863	04/18/2008	04/18/2008	11/07/2006	11/07/2006	12/09/2009
	2008329518	200880125628.7	205773	13/850899	221841	11106080.5	61/138,979	61/138.979	61/288,374	61/428,803	61/579747	61/579,747	61/022,997	61/147.311	61/298,587	61/437.026	61/592,701	61/759739	61/023,032	61/147,318	61/298,592	61/437.028	61/592,707	61/759804	08/264093	CA2008/000710	2684328	CA2006/001819	2632457	12/447748
	AU	Z	Π	N	Г	HK	NS	US	US	US	US	US	US	US	US	US	US	US	US	US	NS	NS	US	US	SU	WO	CA	OM	CA	SU
	07	08	60	11	18	19	00	10	+ 20		000000		8			; 30					2000000		40	50	01	02	05	03	05	10
	140260.013	140260.013	140260.013	140260.013	140260.013	140260.013	140260.014	140260.014	140260.014	140260.014	140260.014	140260.014	140260.015	140260.015	140260.015	140260.015	140260.015	140260.015	140260.016	140260.016	140260.016	140260.016	140260.016		140260.017	1 140260.018	140260.018	140260.020	140260.020	140260.021

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FRAGMENT AND A PLANT TOXIN LINKED BY PROTEASE CLEAVABLE LINKERS IMMUNOTOXIN FUSIONS COMPRISING AN ANTIRODY	FRAGMENT AND A PLANT TOXIN LINKED BY	PROTEASE CLEAVABLE LINKERS	IMPROVED CONJUGATES	COMPOSITIONS AND METHODS FOR DETECTION AND	TREATMENT OF HEPATOCELLULAR CARCINOMA
2002/05/01			10/30/2007	04/12/2013	
205001 02 WO CA200070001001			2668017	61/811360	
UM			CA	SU	
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140760 021	170.007011		140260.021 05	140260.024	

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# RECORDED: 09/05/2013