

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kimberley Zimmerman</td> <td>05/07/2010</td> </tr> <tr> <td>Michael A. Joyce</td> <td>04/14/2010</td> </tr> <tr> <td>Karl Fischer</td> <td>04/13/2010</td> </tr> <tr> <td>D. Lorne Tyrrell</td> <td>04/13/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kimberley Zimmerman	05/07/2010	Michael A. Joyce	04/14/2010	Karl Fischer	04/13/2010	D. Lorne Tyrrell	04/13/2010
Name	Execution Date										
Kimberley Zimmerman	05/07/2010										
Michael A. Joyce	04/14/2010										
Karl Fischer	04/13/2010										
D. Lorne Tyrrell	04/13/2010										
RECEIVING PARTY DATA											
Name:	The Governors of the University of Alberta										
Street Address:	Suite 4000, 10230 - Jasper Avenue										
City:	Edmonton, Alberta										
State/Country:	CANADA										
Postal Code:	T5J 4P6										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12677639</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12677639						
Property Type	Number										
Application Number:	12677639										
CORRESPONDENCE DATA											
Fax Number:	(650)327-3231										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	6503273400										
Email:	cisneros@bozpat.com										
Correspondent Name:	Paula A. Borden										
Address Line 1:	Bozicevic Field and Francis LLP										
Address Line 2:	1900 University Avenue, Suite 200										
Address Line 4:	East Palo Alto, CALIFORNIA 94303										
ATTORNEY DOCKET NUMBER:	UALB-006										
NAME OF SUBMITTER:	Paula A. Borden										
Total Attachments: 1											

OP \$40.00 12677639

501193210

**PATENT
 REEL: 024475 FRAME: 0225**

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. UALB-006

THIS ASSIGNMENT, by Kimberley Zimmerman, Michael A. Joyce, Karl Fischer, and D. Lorne Tyrrell (hereinafter referred to as the assignors), residing in Edmonton, Canada, Edmonton, Canada, Edmonton, Canada, and Edmonton, Canada, respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Hepatitis B Virus-Binding Polypeptides and Methods of Use Thereof"

X PCT International Application No. PCI/IB2008/003791 filed on September 10, 2008 designating the United States.

WHEREAS, The Governors of the University of Alberta, Governed by the Post Secondary Learning Act, Province of Alberta duly organized under and pursuant to the laws of Canada, and having its principal place of business at Suite 4000, 10230 - Jasper Avenue, Edmonton, Alberta, Canada T5J 4P6 (hereinafter referred to as the assignee) is desirous of acquiring their right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of their right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date May 7/10 Name of Inventor Kim Zimmerman
Kimberley Zimmerman

Date April 14/10 Name of Inventor Michael A. Joyce
Michael A. Joyce

Date April 13/10 Name of Inventor Karl Fischer
Karl Fischer

Date April 13, 2010 Name of Inventor D. Lorne Tyrrell
D. Lorne Tyrrell