

PATENT ASSIGNMENT

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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>Dan M. Granoff</td> <td>03/14/2008</td> </tr> <tr> <td>Victor Chen-Hsi Hou</td> <td>02/27/2008</td> </tr> </tbody> </table>		Name	Execution Date	Dan M. Granoff	03/14/2008	Victor Chen-Hsi Hou	02/27/2008				
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<table border="1"> <tr> <td>Name:</td> <td>Children's Hospital & Research Center at Oakland</td> </tr> <tr> <td>Street Address:</td> <td>747 52nd Street</td> </tr> <tr> <td>City:</td> <td>Oakland</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94609</td> </tr> </table>		Name:	Children's Hospital & Research Center at Oakland	Street Address:	747 52nd Street	City:	Oakland	State/Country:	CALIFORNIA	Postal Code:	94609
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CORRESPONDENCE DATA											
<p>Fax Number: (650)327-3231 Phone: (650) 327-3400 Email: castro@bozpat.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Bozicevic, Field & Francis LLP Address Line 1: 1900 University Ave Address Line 2: Suite 200 Address Line 4: East Palo Alto, CALIFORNIA 94303</p>											
ATTORNEY DOCKET NUMBER:	CHOR-014CON										
NAME OF SUBMITTER:	Shweta Chandra										
Total Attachments: 2 source=CHOR-014_Assgnt-SIGNED#page1.tif source=CHOR-014_Assgnt-SIGNED#page2.tif											

OP \$40.00 13279006

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. **CHOR-014**

THIS ASSIGNMENT, by DAN M. GRANOFF, and VICTOR HOU (hereinafter referred to as the assignors), residing in Berkeley, California, and Bethlehem, Pennsylvania respectively, witnesseth:

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

**"GNA1870-BASED VESICLE VACCINES FOR BROAD SPECTRUM PROTECTION AGAINST
DISEASES CAUSED BY NEISSERIA MENINGITIDIS"**

X filed on January 23, 2006 as PCT International Application No. PCT/US2006/002523 designating the United States.

WHEREAS, **Children's Hospital & Research Center at Oakland** a non-profit organization duly organized under and pursuant to the laws of California, and having its principal place of business at **747 52nd Street, Oakland, California 94609** (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 14 March 2008 Name of Inventor Dan M Granoff
DAN M. GRANOFF

Date _____ Name of Inventor _____
VICTOR HOU

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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.

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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 _____

Name of Inventor _____

DAN M. GRANOFF

Date 2-27-08

Name of Inventor *Victor Hou*

VICTOR HOU

↑
CHEN-HSE VH 2-27-08

PATENT

REEL: 027511 FRAME: 0326