

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4925857

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BING CHEN	03/27/2013
RECEIVING PARTY DATA		
Name:	CHILDREN'S MEDICAL CENTER CORPORATION	
Street Address:	55 SHATTUCK STREET	
City:	BOSTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02115	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	15596312	
Application Number:	15919834	
CORRESPONDENCE DATA		
Fax Number:	(215)965-1331	
<i>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.</i>		
Phone:	(215) 965-1330	
Email:	adrake@panitchlaw.com	
Correspondent Name:	PANITCH SCHWARZE BELISARIO & NADEL LLP	
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Address Line 2:	2001 MARKET STREET, SUITE 2800	
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103	
ATTORNEY DOCKET NUMBER:	689085-3U2, 3U3	
NAME OF SUBMITTER:	ANDREW P. BARANIAK, PH.D.	
SIGNATURE:	/Andrew P. Baraniak/	
DATE SIGNED:	04/20/2018	
Total Attachments: 4		
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PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bing Chen	03/27/2013
RECEIVING PARTY DATA	
Name:	Children's Medical Center Corporation
Street Address:	55 Shattuck Street
City:	Boston
State/Country:	MASSACHUSETTS
Postal Code:	02115
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13082601
CORRESPONDENCE DATA	
Fax Number:	6172274420
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6175175529
Email:	patent@edwardswildman.com
Correspondent Name:	Carolina E. Save
Address Line 1:	P.O. Box 55847
Address Line 4:	Boston, MASSACHUSETTS 02205
ATTORNEY DOCKET NUMBER:	90698(312370)
NAME OF SUBMITTER:	Carolina E. Save
Signature:	/Carolina E. Save/
Date:	07/22/2013
Total Attachments: 3 source=90698 Chen Assignment#page1.tif source=90698 Chen Assignment#page2.tif source=90698 Chen Assignment#page3.tif	

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ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 27th day of March, 2013, by Bing Chen
(hereinafter referred to as Assignor), residing at 47 Tamarack Road, Westwood, MA 02090;

WHEREAS, Assignor has invented certain new and useful improvements in
BIOCHEMICALLY STABILIZED HIV-1 ENV TRIMER VACCINE, set forth in a Patent
application for Letters Patent of the United States, already filed on April 8, 2011 as U.S.
Application No. 13/082,601; and

WHEREAS, Children's Medical Center Corporation, organized under and pursuant
to the laws of Massachusetts having its principal place of business at 55 Shattuck Street,
Boston, Massachusetts 02115 (hereinafter referred to as Assignee), is desirous of acquiring the
entire right, title and interest in and to said inventions and said Application for Letters Patent of
the United States, and in and to any Letters Patent of the United States to be obtained therefore
and thereon.

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

AND for the same consideration, Assignor hereby represents and warrants to
Assignee, its successors, legal representatives and assigns, that, at the time of execution and
delivery of these presents, except for any rights, titles and/or interests that have arisen to

Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS WILDMAN PALMER LLP

All practitioners at Customer Number 21874

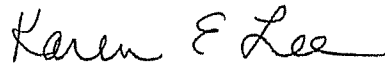
AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.


Bing Chen

Date: 3/27/13

United States of America)
State of Massachusetts) ss.:
County of Suffolk)

On this 27TH day of March, 2013, before me personally came Bing Chen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

