

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ir Berkower	09/10/2009
RECEIVING PARTY DATA	
Name:	The Government of the United States of America as Represented by the Secretary of the Department of Health and Human Services
Street Address:	6011 Executive Blvd., Suite 325
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State/Country:	MARYLAND
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PROPERTY NUMBERS Total: 1	
Property Type	Number
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NAME OF SUBMITTER:	Karri Kuenzli Bradley, Ph.D.

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Total Attachments: 2
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**PATENT
 REEL: 023242 FRAME: 0338**

WDN/KKB:cls 4239-81675-02 E-291-2008/0-PCT-02 08/07/09

**ASSIGNMENT FOR NIH/FDA INVENTIONS
(NIH OR FDA CO-INVENTORS ONLY)**

WHEREAS, I, Ira Berkower [hereinafter **The Inventor**], an employee of the National Institutes of Health, a component of the United States Department of Health and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, have made certain inventions as described and claimed in:

U.S. Provisional Patent Application No. 61/086,098, filed on August 4, 2008, entitled "MEMBRANE PROXIMAL REGION OF HIV GP41 ANCHORED TO THE LIPID LAYER OF A VIRUS-LIKE PARTICLE VACCINE," and

PCT Patent Application No. PCT/US2009/052724, filed on August 4, 2009, entitled "MEMBRANE PROXIMAL REGION OF HIV GP41 ANCHORED TO THE LIPID LAYER OF A VIRUS-LIKE PARTICLE VACCINE"

all of which applications are collectively referred to herein as "the Applications"; and

WHEREAS, I am the applicant named in the above-identified Applications; and

WHEREAS, the inventions described and claimed therein were made under conditions such as to entitle **THE GOVERNMENT OF THE UNITED STATES OF AMERICA** as represented by the Secretary of the Department of Health and Human Services [hereinafter **THE GOVERNMENT**] under Executive Order 10096 and its amendments, 35 U.S.C. §§200-201, §§206-207, and §210 and 37 C.F.R. Part 501 to the entire right, title, and interest in such inventions; and

WHEREAS, **THE GOVERNMENT** is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in the Applications;

NOW, THEREFORE, having the legal obligation to assign my right, title and interest in the inventions described and claimed in the above-identified Patent Applications to **THE GOVERNMENT**, having a place of business at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660 and for consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign and transfer to **THE GOVERNMENT**:

the entire right, title, and interest in and to any and all inventions described and claimed in said Applications and any and all Letters Patent which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

all rights to claim priority on the basis of said Applications including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patent that may be filed for any and all inventions described and claimed in said Applications that may be filed in any foreign country and all Letters Patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such Letters Patents as may be granted in the United States or any foreign

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WDN/KKB:cls 4239-81675-02 E-291-2008/O-PCT-02 08/07/09

country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by **The Inventor** had this assignment not been made.

I further agree to make, execute, and deliver to **THE GOVERNMENT**, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention. **THE GOVERNMENT** promises to pay any reasonable expenses incurred by **The Inventor** in making, executing and delivering of such papers to **THE GOVERNMENT**.

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor Ira Berkower	
Date <u>Sept. 10, 2009</u>	<u>Ira Berkower</u> Signature
County of _____	<u>my outgomery</u>
State of _____	<u>Maryland</u>
Subscribed and sworn to before me this <u>10th</u> day of <u>September</u> , <u>2009</u> .	
Seal	Notary Public for <u>Laurence D. Richards</u> My Commission Expires: _____

LAURENCE D. RICHARDS
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires July 14, 2012