PATENT ASSIGNMENT

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SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT				
CONVEYING PARTY DATA							
	Execution Date						
Richard W. Compans				12/07/2009			
Baozhong Wang	12/08/2009						
RECEIVING PARTY DATA							
Name:	Name: Emory University						
Street Address:	1599 Clifton Rd.						
Internal Address:	4th Floor						
City:	Atlanta						
State/Country:	GEORGIA						
Postal Code:							
PROPERTY NUMBERS Total: 1 Property Type Number							
Property Type Application Number: 12598							
Property Type Number Application Number: 12598271							
CORRESPONDENCE	DATA				0.00		
CORRESPONDENCE DATA 8000000000000000000000000000000000000							
Address Line 4: ATLANTA, GEORGIA 30339-5994							
ATTORNEY DOCKET NUMBER:			50508-1690	508-1690			
NAME OF SUBMITTER:			Christopher B. Linder	stopher B. Linder			
Total Attachments: 5 source=01122024#page1.tif PATENT							

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source=01122024#page2.tif source=01122024#page3.tif source=01122024#page4.tif source=01122024#page5.tif Form **PTO-1595** (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET						
PATENTS ONLY						
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.						
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)					
Richard W. Compans	Name:Emory University					
Baozhong Wang	Internal Address: <u>4th Floor</u>					
Additional name(s) of conveying party(ies) attached? Yes X No						
3. Nature of conveyance/Execution Date(s):	Street Address: 1599 Clifton Rd.					
Execution Date(s) <u>12/7/09; 12/08/09</u>						
Assignment Merger						
Security Agreement Change of Name	City: <u>Atlanta</u>					
Joint Research Agreement	State:GA					
Government Interest Assignment	Country: US Zip 30322					
Executive Order 9424, Confirmatory License	2.1p.20022					
Other	Additional name(s) & address(es) attached? 🗌 Yes 🔀 No					
4. Application or patent number(s): This document is being filed together with a new application.						
A. Patent Application No.(s)	B. Patent No.(s)					
12/500.271						
12/598,271						
	Additional numbers attached? Yes XNo					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: <u>1</u>					
Name: THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00					
Internal Address: SUITE 1500						
	Authorized to be charged to deposit account					
Street Address: 600 GALLERIA PARKWAY	X Enclosed					
	None required (government interest not affecting title)					
City:	8. Payment Information					
State: <u>GEORGIA</u> Zip: <u>30339</u>						
Phone Number: (770) 933-9500						
Fax Number:951-0933	Deposit Account Number					
Email Address: sara.rogers@tkhr.com	Authorized User Name					
9. Signature: 331/11)						
Signature	/ 0, 1,10 Date					
Christopher B. Linder	Total number of pages including cover 5					
Name of Person Signing	sheet, attachments, and documents:					

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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ASSIGNMENT OF UTILITY PATENT APPLICATION

WHEREAS, the following parties:

<u>Name</u>

<u>Address</u>

Richard W. Compans1038 Castle Falls Dr. Atlanta, GA 30329Baozhong Wang2515 Northeast Expressway, Apt. G9, Atlanta, GA 30345

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

ENHANCEMENT OF GLYCOPROTEIN INCORPORATION INTO VIRUS-LIKE PARTICLES,

which was:

executed on even date herewith,
 filed with the United States Patent and Trademark Office (USPTO) on 10/30/09, and assigned Serial No. 12/598,271, and
 further described in U.S. Provisional application entitled , filed with the USPTO on , and assigned Serial No.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, Emory University, having a place of business at 1599 Clifton Rd., 4th Floor, Atlanta, GA 30322, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and

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transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

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Richard W. Compans

Date: <u>Que 7 2009</u>

United States of America

State of Georgia County of De Kallb

On this $\underline{\mathcal{I}}$ day of $\underline{\mathcal{December}}$, 20<u>09</u>, before me personally came **Richard** W. Compans to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Notary Public

Tanya J Cassingham Notary Public Dekalb County, Georgia 4-13-13 Details County, G Commission Expansion Expansion

Docket No. 50508-1690 Page 4 of 4 (Patent Assignment) **Baozhong Wang**

Date: Dec 8, 2005

United States of America

State of Georgia County of Delcalb

On this 8^{44} day of <u>Namber</u>, 20<u>09</u>, before me personally came **Baozhong Wang** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Notary Public Cassingham

My Commission Expires April 13, 2013

RECORDED: 03/31/2010