

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Gary J. Nabel	09/15/2011
Wataru Akahata	09/14/2011
Srinivas S. Rao	09/14/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
<b>Street Address:</b>	Office of Technology Transfer, National Institute of Health
<b>Internal Address:</b>	6011 Executive Boulevard, Suite 325
<b>City:</b>	Bethesda
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20892-7660
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13131287
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Edwards Angell Palmer & Dodge LLP
<b>Address Line 1:</b>	P.O. Box 55874
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02205
<b>ATTORNEY DOCKET NUMBER:</b>	82746(47992)
<b>NAME OF SUBMITTER:</b>	Kellie K. DiNapoli, Ph.D., Esq.

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**PATENT**  
**REEL: 026990 FRAME: 0572**

Total Attachments: 4

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

**WHEREAS**, we, Gary J. Nabel; Wataru Akahata; and Srinivas S. Rao, residing at 2520 30<sup>th</sup> St., NW, Washington, DC 20008; 11317 Palisades Ct., Kensington, MD 20895; and 6409 Summer Sunrise Drive, Columbia, MD 21044, respectively, employees of the National Institute 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, [hereinafter **The Inventors**], have made certain inventions as described and claimed in the U.S. Patent Application having United States Serial Number 13/131,287, filed May 26, 2011, and which is entitled "VIRUS LIKE PARTICLE COMPOSITIONS AND METHODS OF USE" ("U.S. Application") and;

**WHEREAS**, we are the applicants named in the above-identified U.S. Application; and

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

**NOW, THEREFORE**, having the legal obligation to assign our right, title and interest in the inventions described and claimed in the above-identified patent application 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, we 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 U.S. Application 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 U.S. Application 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 U.S. Application 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 country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventors had this assignment not been made.

We 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.

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

Inventor 1:

9/15/11 Date [Signature] Gary J. Nabel

County of Montgomery

State of Maryland

Subscribed and sworn to before me this 15 day of September, 2011.

[Seal] HELEN J. ROBINSON  
Notary Public  
Prince George's County  
Maryland  
My Commission Expires Jun 16, 2013

Notary Public for Maryland

My Commission Expires: 6/16/2013

Inventor 2:

Sep 14<sup>th</sup> 2011 Date [Signature] Wataru Akahata

County of Montgomery

State of Maryland

Subscribed and sworn to before me this 14 day of September, 2011.

[Seal] HELEN J. ROBINSON  
Notary Public  
Prince George's County  
Maryland  
My Commission Expires Jun 16, 2013

Notary Public for Maryland

My Commission Expires: 6/16/2013

Inventor 3:

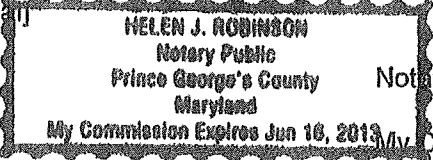
Sep 14<sup>th</sup> 2011  
Date

Srinivas S. Rao  
Srinivas S. Rao

County of Montgomery

State of Maryland

Subscribed and sworn to before me this 14<sup>th</sup> day of September, 2011.

[Seal]  Notary Public for Maryland

My Commission Expires: 6/16/2013

\_\_\_\_\_  
Date

County of \_\_\_\_\_

State of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

[Seal]

Notary Public for \_\_\_\_\_

My Commission Expires: \_\_\_\_\_