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1. Name of conveying party(ies)

CASE C. GROGAN aka CASE K. CORTESE
ALAN L. SCHMALJOHN

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 03/11/2010; 03/12/2010

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: UNITED STATES ARMY

Internal Address: U.S. ARMY MEDICAL RESEARCH AND
MATERIEL COMMAND

Street Address: 504 SCOTT STREET

FORT DETRICK

City: FREDERICK

State: MARYLAND

Country: U.S.A. Zip 21702-5012

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)

10/066,506 filed 01/31/2002

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: ELIZABETH ARWINE

Internal Address: U.S. ARMY MEDICAL RESEARCH AND

MATERIEL COMMAND; ATTN: MCMR-JA

Street Address: 504 SCOTT STREET

FORT DETRICK

City: FREDERICK

State: MARYLAND Zip 21702-5012

Phone Number: 301-619-7808

Fax Number: 301-619-5034

Email Address: ELIZABETH.ARWINE@AMECD.ARMY.MIL

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 21-0380

Authorized User Name ELIZABETH ARWINE

9. Signature:

Elizabeth Arwine
Signature

18 March 2010
Date

ELIZABETH ARWINE, REG. NO. 45,867

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

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700432267

PATENT
REEL: 024105 FRAME: 0575

CH \$40.00 210380 10066506

ASSIGNMENT OF INVENTION

Title of Invention: CHIMERIC FILOVIRUS GLYCOPROTEIN

Inventors: CASE C. GROGAN; MICHAEL C. HEVEY; ALAN L. SCHMALJOHN

Date Oath Executed: 05/07/2002

Application Serial Nos.: U.S. Provisional Patent Application Number 60/267,522 filed 01/31/2001; U.S. Patent Application Number 10/066,506 and International Patent Application Number PCT/US02/03339 filed 01/31/2002

We, the undersigned inventors, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title, and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent all Letters Patent issuing thereon, and any continuation, continuation-in-part, or division of said application and any reissue of extension of said Letters Patent.
2. Assign to the Government all right, title, and interest in the invention in those foreign countries in which the Government determines to cause an application to be filed, including but not limited to Australia, Canada, Mexico, Japan and the countries of the European Union.
3. Agree to provide any further information within our knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution of interference's, and recording of title of patent applications and patents issuing thereon.

Inventor's Signature: Case Carter Gogan

Date: 3/11/10 Typed Name of Inventor: CASE C. GROGAN, aka CASE K. CORTESE

STATE OF _____

COUNTY OF _____

On the above date CASE C. GROGAN, aka CASE K. CORTESE known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as her own free act and deed.

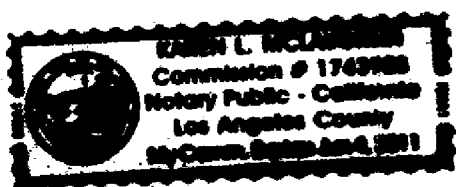
(SEAL)

NOTARY PUBLIC

My Commission expires on _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los AngelesOn March 11, 2010 before me, Karen L. McLaughlin, Notary Public
Date Here Insert Name and Title of the Officerpersonally appeared Cass Cortese Grogan
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that ~~he~~ she ~~they~~ executed the same in his ~~her~~ their authorized capacity(ies), and that by his ~~her~~ their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature

Karen L. McLaughlin
Signature of Notary Public**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached DocumentTitle or Type of Document: Assignment of InventionDocument Date: _____ Number of Pages: 1

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)Signer's Name: Cass C. Grogan

- ☒ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
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1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title, and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent all Letters Patent issuing thereon, and any continuation, continuation-in-part, or division of said application and any reissue of extension of said Letters Patent.
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3. Agree to provide any further information within our knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution of interference's, and recording of title of patent applications and patents issuing thereon.

Inventor's Signature: _____

Alan L. Schmaljohn

Date: _____

March 12, 2010

Typed Name of Inventor: ALAN L. SCHMALJOHN

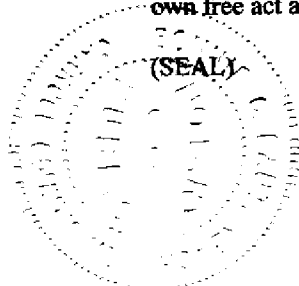
STATE OF _____

Maryland

COUNTY OF _____

Carroll

On the above date ALAN L. SCHMALJOHN known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed.



NOTARY PUBLIC

My Commission expires on _____

1/26/2011