

8/14/09

Docket No.: Army181

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(Rev. 03-09)  
OMB No. 0651-0027 (exp. 3/31/2001)  
P08A/REV06

08-17-2009

ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



To the Director of the United States Patent

103571050

ached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Hart, Mary Kate  
Olinger, Gene Garrard  
Bailey, Michael

Additional names(s) of conveying party(ies)

☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): 1/17/06 and 11/30/05

- ☒ 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: Government of the United States, as represented

Address: by the Secretary of the Army

ADDRESS: U.S. Army Medical Research and Materiel  
Command

504 Scott Street

City: Fort Detrick

State/Prov.: Maryland

Country: USA ZIP: 21702-5012

Additional name(s) &amp; address(es) attached?

☐ Yes ☐ No**4. Application or patent numbers(s):**

A. Patent Application No. (s)

11/068,179

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Elizabeth Arwine

Registration No.: 45,867

Address: U.S. Army Medical Research and Materiel

Command

504 Scott Street

City: Fort Detrick

State/Prov.: Maryland

Country: USA ZIP: 21702-5012

Phone Number: 301-619-7808

Fax Number:

Email Address:

**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 by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 21-0380

Authorized User Name Marlana Titus

**9. Signature:**

Signature

Marlana Titus

Name of Person Signing

08/14/2009 DBYRNE

Aug 12 2009 11:06:179  
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Total number of pages including cover sheet, attachments, and document:

4

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, VA 22313-1450

PATENT  
REEL: 023110 FRAME: 0873

ASSIGNMENT OF INVENTION

Title of Invention: IMMUNOGENIC COMPOSITIONS AND VACCINES FOR EBOLA

Inventors: MARY KATE HART; GENE GARRARD OLINGER, JR.; MICHAEL BAILEY

Dates Oath Executed: 03/02/2005; 03/02/2005; 03/14/2005

Application Serial No.: U.S. 11/068,179 filed 02/28/2005

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.

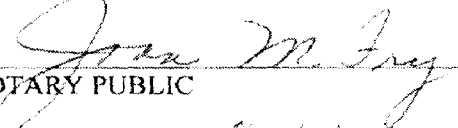
3. Agree to provide any further information within our knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution of interference's, and recording of title of patent applications and patents issuing thereon.

Inventor's Signature: 

Date: November 30, 2005 Typed Name of Inventor: GENE GARRARD OLINGER, JR.

STATE OF Maryland  
COUNTY OF Frederick

On the above date GENE GARRARD OLINGER, JR. 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.

(SEAL)  
  
NOTARY PUBLIC  
My Commission expires on October 1, 2008

ASSIGNMENT OF INVENTION

Title of Invention: IMMUNOGENIC COMPOSITIONS AND VACCINES FOR EBOLA

Inventors: MARY KATE HART; GENE GARRARD OLINGER, JR.; MICHAEL BAILEY

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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: Mary Kate Hart

Date: 30 Nov 05 Typed Name of Inventor: MARY KATE HART

STATE OF Maryland  
COUNTY OF Frederick

On the above date MARY KATE HART 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)

Joan M. Fry  
NOTARY PUBLIC

My Commission expires on October 1, 2008

ASSIGNMENT OF INVENTION

Title of Invention: IMMUNOGENIC COMPOSITIONS AND VACCINES FOR EBOLA

Inventors: MARY KATE HART; GENE GARRARD OLINGER, JR.; MICHAEL BAILEY

Dates Oath Executed: 03/02/2005; 03/02/2005; 03/14/2005

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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.
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: \_\_\_\_\_

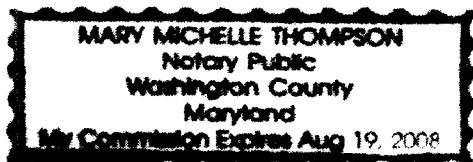
Date: Jul 16 Typed Name of Inventor: MICHAEL BAILEY

STATE OF Maryland

COUNTY OF Montgomery

On the above date MICHAEL BAILEY 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.

(SEAL)



Mary M Thompson  
NOTARY PUBLIC

My Commission expires on Aug 19, 2008