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LAURIE J. HARTMAN  
DAVID A. NORWOOD

## 2. Name and address of receiving party(ies):

Name: UNITED STATES ARMY

Internal Address: U.S. ARMY MEDICAL RESEARCH

AND MATERIEL COMMAND

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

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FORT DETRICK

City: FREDERICK State: MD ZIP: 21702

Execution Date: 06/24/2005; 06/24/2005

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## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/376,323

B. Patent No.(s)

03/03/2003

Additional numbers attached? ☐ Yes ☒ No

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

Name: ELIZABETH ARWINE

Internal Address: U.S. ARMY MEDICAL RESEARCH

AND MATERIEL COMMAND

ATTN: MCMR-ZA-J

Street Address: 504 SCOTT STREET

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City: FREDERICK State: MD ZIP: 21702

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41):.....\$ 40.00

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ASSIGNMENT OF INVENTION

Title of Invention: INTERNAL POSITIVE CONTROL FOR PROBE-BASED NUCLEIC ACID  
MOLECULE ASSAYS AND METHODS OF MAKING AND USING THEREOF

Inventors: LAURIE J. HARTMAN and DAVID A. NORWOOD, JR.

Date Oath Executed: 02/28/2003

Application Serial Nos.: U.S. Provisional Patent Application Number 60/361,455 filed 03/04/2002; U.S.  
Patent Application Number 10/376,323 and PCT/US03/06347 filed 03/03/2003

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 resissue 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: 24 June 2005 Typed Name of Inventor: LAURIE J. HARTMAN

STATE OF Maryland

COUNTY OF Frederick

On the above date LAURIE J. HARTMAN 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 October 1, 2008

JOAN M. FRY  
Notary Public  
Frederick County  
MARYLAND  
My Commission Expires October 01, 2008

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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: \_\_\_\_\_

Date: 24 June 2005 Typed Name of Inventor: DAVID A. NORWOOD, JR.

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On the above date DAVID A. NORWOOD, 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 \_\_\_\_\_

JOAN M. FRY  
Notary Public  
Frederick County  
MARYLAND

My Commission Expires October 01, 2008