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(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08/REV04

## RECORDATION FORM COVER SHEET

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

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

**STEVEN C. WALKER**  
**JOHN M. SHEPHERD**  
**LEOPOLDO C. CANCIO**

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **03/03/2004; 10/12/2006; 04/28/2004**

## 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: **MD** ZIP: **21702**Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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)

Filing Date

B. Patent No.(s)

**10/663,684****09/17/2003**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****FORT DETRICK**City: **FREDERICK** State: **MD** ZIP: **21702**

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

**1**7. Total fee (37 CFR 3.41):.....\$ **40.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

**21-0380**

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**ELIZABETH ARWINE, Reg. No. 45,867****Elizabeth Arwine****10-17-06**

Name of Person Signing

Signature

**4**

Date

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**PATENT**

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ASSIGNMENT OF INVENTION

Title of Invention: NEEDLE WITH FIBEROPTIC CAPABILITY

Inventors: STEVEN C. WALKER; JOHN M. SHEPHERD; LEOPOLDO C. CANCIO

Dates Oath Executed: 10/29/2003; 02/03/2004

Application Serial Nos.: U.S. 10/663,684 and PCT/US03/28940 filed 09/17/2003

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.

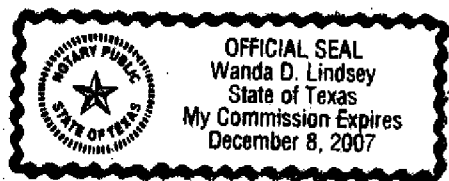
Inventor's Signature: *Steven C. Walker*Date: 3-3-4

Typed Name of Inventor: STEVEN C. WALKER

STATE OF TexasCOUNTY OF Dallas

On the above date STEVEN C. WALKER 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)

*Wanda D. Lindsey*  
NOTARY PUBLICMy Commission expires on 12-8-2007

ASSIGNMENT OF INVENTION

Title of Invention: NEEDLE WITH FIBEROPTIC CAPABILITY

Inventors: STEVEN C. WALKER; JOHN M. SHEPHERD; LEOPOLDO C. CANCIO

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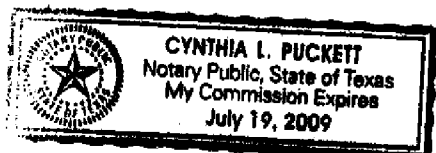
We, the undersigned inventors, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

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: John M. ShepherdDate: 10/12/06 Typed Name of Inventor: JOHN M. SHEPHERDSTATE OF TexasCOUNTY OF Bexar

On the above date JOHN M. SHEPHERD 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)



Cynthia L. Puckett  
NOTARY PUBLIC  
My Commission expires on July 19, 2009

ASSIGNMENT OF INVENTION

Title of Invention: NEEDLE WITH FIBEROPTIC CAPABILITY

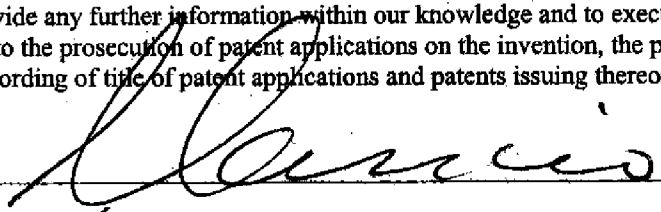
Inventors: STEVEN C. WALKER; JOHN M. SHEPHERD; LEOPOLDO C. CANCIO

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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: 28 APRIL 2004 Typed Name of Inventor: LEOPOLDO C. CANCIOSTATE OF TEXASCOUNTY OF BEXAR

On the above date LEOPOLDO C. CANCIO 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 18 MARCH 2008