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	Docket No.: ISR99-02CON 04			
FORM PTO-1595 (Modified) RECORDATION FO				
(Rev. 03-01) OMB-No. 0651-0027 (exp.5/31/2002) P08/REV03 PATENTS ONLY				
Tab settings → → → ▼ ▼ ▼	v v v			
	e: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): SATURNINO CHAVEZ JOHN M. SHEPHERD	2. Name and address of receiving party(ies): Name: UNITED STATES ARMY			
	Internal Address: U.S. ARMY MEDICAL RESEARCH			
Additional names(s) of conveying party(ies)	AND MATERIEL COMMAND			
3. Nature of conveyance:				
🖾 Assignment 🔲 Merger	Street Address: 504 SCOTT STREET			
Security Agreement Change of Name	FORT DETRICK			
D Other	City: FREDERICK State: MD ZIP: 21702			
Execution Date: 05/14/2003; 10/11/2005	Additional name(s) & address(es) attached? 🔲 Yes 🛛 No			
 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)	B. Patent No.(s)			
10/442,923 05/22/2003	323			
Which is a continuation of U.S. Patent Application Number 09/782,607 filed 02/14/2001	10442923			
Additional numbers attac	hed? 🗆 Yes 🖾 No			
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:			
Name: ELIZABETH ARWINE	 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account 			
Internal Address: U.S. ARMY MEDICAL RESEARCH				
AND MATERIEL COMMAND				
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FORT DETRICK	21-0380			
City: FREDERICK State: MD ZIP: 21702	(Attach duplicate copy of this page if paying by deposit account)			
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 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 Arnune 12 Oct 2005				
Name of Person Signing Total number of pages including cover sheet, attachments, and document: Date Date				
Mail documents to be recorded with required cover sheet information to: PATENT Mail Stop Assignment Recordation Services PATENT 700217096 Director of the United States Patent and Trademark Office, P.O. Box 1450, REPLA: V046875 FRAME: 0362				

ASSIGNMENT OF INVENTION

Title of Invention: ORTHOGONAL ARTERIAL CATHETER

Inventors: SATURNINO CHAVEZ; STEVEN C. WALKER; JOHN M. SHEPHERD

Dates Oath Executed: 03/19/2001; 03/02/2001; 04/03/2001

Application Serial No.: U.S. 09/782,607 and PCT/US01/04560 filed 02/14/2001

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: alunn

Date: 19 May 03

Typed Name of Inventor: SATURNINO CHAVEZ

lew STATE OF COUNTY OF

On the above date SATURNINO CHAVEZ 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)

teb 24 2007 My Commission expires on ____

ESTHER M. OGG Notary Public, State of New York NO. 01OG5073590 Qualified in Orange County Term Expires February 24, 2007

> PATENT REEL: 016875 FRAME: 0363

ASSIGNMENT OF INVENTION

Title of Invention: ORHOGONAL ARTERIAL CATHETER

Inventors: SATURNINO CHAVEZ; STEVEN C. WALKER; JOHN M. SHEPHERD

Dates Oath Executed: 03/19/2001; 03/02/2001; 04/03/2001

Application Serial Nos.: U.S. 09/782,607 and PCT/US01/04560 filed 02/14/2001

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:

Assign to the Government of the United States, as represented by the Secretary of the Army, the 1. 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

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.

Agree to provide any further information within our knowledge and to execute any further 3. documents necessary to the prosecution of patent applications on the invention, the prosecution of inventor's Signature: CTWC W. J.

Date: _	10/1///00	 Typed Name of Inventor:	JOHN M. SHEPHERD
	100	 of Interior	JOINT M. SHEFHERD

STATE OF

COUNTY OF

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)

NOTARY PUBLIC

My Commission expires on _

RECORDED: 10/12/2005