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FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03

RECORDATION FORM COVER SHEET

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1. Name of conveying party(ies):

DAVID E. LANAR
SHEETIJ DUTTA
LISA A. WARE
LALITHA P. V. NAIR

Additional names(s) of conveying party(ies) Yes No

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

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other

Execution Date: 9/17/2002; 9/17/2002; 9/17/2002; 9/17/2002

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)

10/105,717

B. Patent No.(s)

03/25/2002

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

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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

5 January 2006

Name of Person Signing

Signature

5

Date

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PATENT

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ASSIGNMENT OF INVENTION

Title of Invention: PLASMODIUM FALCIPARUM AMA-1 PROTEIN AND USES THEREOF

Inventors: DAVID E. LANAR; SHEETIJ DUTTA; LISA A. WARE; LALITHA P.V. NAIR

Date Oath Executed: March 22, 2002

Application Serial Nos.: US 10/105,717 and PCT/US02/09406 filed March 25, 2002

I (We), the undersigned inventor(s), 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 my (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: David E. Lanar

Date: 17 Sept. 2002 Typed Name of Inventor: DAVID E. LANAR

STATE OF Maryland

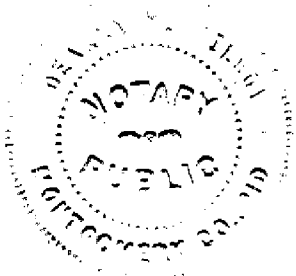
COUNTY OF Montgomery

On the above date DAVID E. LANAR 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)

Deanna M. Wilson
NOTARY PUBLIC

DEANNA M. WILSON
My Commission expires on NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires December 29, 2004



ASSIGNMENT OF INVENTION

Title of Invention: PLASMODIUM FALCIPARUM AMA-1 PROTEIN AND USES THEREOF

Inventors: DAVID E. LANAR; SHEETIJ DUTTA; LISA A. WARE; LALITHA P.V. NAIR

Date Oath Executed: March 22, 2002

Application Serial Nos.: US 10/105,717 and PCT/US02/09406 filed March 25, 2002

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Inventor's Signature: Sheetij Dutta

Date: 9-17-02 Typed Name of Inventor: SHEETIJ DUTTA

STATE OF Maryland
COUNTY OF Chesapeake

On the above date SHEETIJ DUTTA 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)

Deanna M. Nelson
NOTARY PUBLIC

My Commission expires on _____

DEANNA M. NELSON
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires December 29, 2004



ASSIGNMENT OF INVENTION

Title of Invention: PLASMIDIUM FALCIPARUM AMA-1 PROTEIN AND USES THEREOF

Inventors: DAVID E. LANAR; SHEETIJ DUTTA; LISA A. WARE; LALITHA P.V. NAIR

Date Oath Executed: March 22, 2002

Application Serial Nos.: US 10/105,717 and PCT/US02/09406 filed March 25, 2002

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3. Agree to provide any further information within my (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: Lisa A. Ware

Date: 9/17/02 Typed Name of Inventor: LISA A. WARE

STATE OF Maryland

COUNTY OF Harford

On the above date LISA A. WARE 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)

Deanna M. Wilson
NOTARY PUBLIC

My Commission expires on DEANNA M. WILSON
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires December 29, 2004



ASSIGNMENT OF INVENTION

Title of Invention: PLASMODIUM FALCIPARUM AMA-1 PROTEIN AND USES THEREOF

Inventors: DAVID E. LANAR; SHEETIJ DUTTA; LISA A. WARE; LALITHA P.V. NAIR

Date Oath Executed: March 22, 2002

Application Serial Nos.: US 10/105,717 and PCT/US02/09406 filed March 25, 2002

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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 my (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: _____

Lalitha P. V. Nair

Date: _____

17 Sept 02

Typed Name of Inventor: LALITHA P. V. NAIR

STATE OF _____

Maryland

COUNTY OF _____

Montgomery

On the above date LALITHA P. V. NAIR 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)

Deanna M. Wilson
NOTARY PUBLIC

DEANNA M. WILSON
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires December 29, 2004

My Commission expires on _____



PATENT