

Docket No.: P67452US0 (RIID 01-58)

FORM PTO-1595 (Modified)

(Rev. 03-01)

OMB No. 0651-0027 (exp. 5/31/2002)

P08/REV03

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

## PATENTS ONLY

Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼

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):

MARK A. OLSON; CHARLES B. MILLARD;  
MICHAEL P. BYRNE; ROBERT W. WANNEMACHER;  
ROSS D. LeCLAIRE

## 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 names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

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

04/18/2002; 04/18/2002;

Execution Date: 04/26/2002; 04/19/2002; 04/18/2002

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)

10/083,336

02/27/2002

## B. Patent No.(s)

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

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 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

Name of Person Signing

Elizabeth Arwine

Signature

8/31/04

Date

Total number of pages including cover sheet, attachments, and document:

6

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22314-1450

PATENT

700111763

REEL: 015100 FRAME: 0342

CH \$40.00 210380 10083336

ASSIGNMENT OF INVENTION

Title of Invention: Ricin Vaccine and Methods of Making and Using Thereof

Inventors: Mark A. Olson; Charles B. Millard; Michael P. Byrne; Robert W. Wannemacher; Ross D. LeClaire

Date Oath Executed: February 20, 2002; February 26, 2002; February 21, 2002

Application Serial No.: U.S. 10/083,336 filed February 27, 2002; and  
PCT/US02/

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 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.
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: Mark A. Olson

Date: 18 Apr 02 Typed Name of Inventor: MARK A. OLSON

STATE OF Maryland

COUNTY OF Frederick

On the above date MARK A. OLSON 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)

Joan M. Fry  
NOTARY PUBLIC

My Commission expires on October 1, 2004

ASSIGNMENT OF INVENTION

Title of Invention: Ricin Vaccine and Methods of Making and Using Thereof

Inventors: Mark A. Olson; Charles B. Millard; Michael P. Byrne; Robert W. Wannemacher; Ross D. LeClaire

Date Oath Executed: February 20, 2002; February 26, 2002; February 21, 2002

Application Serial No.: U.S. 10/083,336 filed February 27, 2002; and  
PCT/US02/

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 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.
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: Charles B. Millard

Date: 18 APR 02 Typed Name of Inventor: CHARLES B. MILLARD

STATE OF Maryland  
COUNTY OF Frederick

On the above date CHARLES B. MILLARD 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)

Joan M. Fay  
NOTARY PUBLIC  
My Commission expires on October 1, 2004

ASSIGNMENT OF INVENTION

Title of Invention: Ricin Vaccine and Methods of Making and Using Thereof

Inventors: Mark A. Olson; Charles B. Millard; Michael P. Byrne; Robert W. Wannemacher; Ross D. LeClaire

Date Oath Executed: February 20, 2002; February 26, 2002; February 21, 2002

Application Serial No.: U.S. 10/083,336 filed February 27, 2002; and  
PCT/US02/

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 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.
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: Michael P. Byrne

Date: 26 Apr 02 Typed Name of Inventor: MICHAEL P. BYRNE

STATE OF Maryland  
COUNTY OF Frederick

On the above date MICHAEL P. BYRNE 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)

Joan M. Fry  
NOTARY PUBLIC  
My Commission expires on October 1, 2004

ASSIGNMENT OF INVENTION

Title of Invention: Ricin Vaccine and Methods of Making and Using Thereof

Inventors: Mark A. Olson; Charles B. Millard; Michael P. Byrne; Robert W. Wannemacher; Ross D. LeClaire

Date Oath Executed: February 20, 2002; February 26, 2002; February 21, 2002

Application Serial No.: U.S. 10/083,336 filed February 27, 2002; and  
PCT/US02/

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.
- 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: Robert W. Wannemacher

Date: 19 Apr 2002 Typed Name of Inventor: ROBERT W. WANNEMACHER

STATE OF Maryland

COUNTY OF Frederick

On the above date ROBERT W. WANNEMACHER 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)

Joan M. Fry  
NOTARY PUBLIC

My Commission expires on October 1, 2004

ASSIGNMENT OF INVENTION

Title of Invention: Ricin Vaccine and Methods of Making and Using Thereof

Inventors: Mark A. Olson; Charles B. Millard; Michael P. Byrne; Robert W. Wannemacher; Ross D. LeClaire

Date Oath Executed: February 20, 2002; February 26, 2002; February 21, 2002

Application Serial No.: U.S. 10/083,336 filed February 27, 2002; and  
PCT/US02/

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 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.
- 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: Ross D. LeClaire

Date: 18 April 2002 Typed Name of Inventor: ROSS D. LECLAIRE

STATE OF Maryland

COUNTY OF Frederick

On the above date ROSS D. LECLAIRE 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)

Joan M. Fry  
NOTARY PUBLIC  
My Commission expires on October 1, 2004