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FORM PTO-1595 (Modified)
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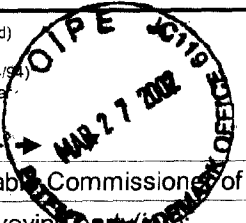
04-11-2002

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



102050688

Tab settings



To the Honorable Commissioners of Patents and

These records are attached original documents or copy thereof.

1. Name of conveying party(ies):

Ashok Kumar Srivastava
J. Robert Putnak
Charles H. Hoke
Richard L. Warren

3-27-02

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

Name: United States Army

Address: U.S. Army Medical Research and

Materiel Command

504 Scott Street

Fort Detrick

City: Frederick State/Prov.: MD

Country: U.S.A. ZIP: 21702-5012

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 23 Jan 01; 10 Sep 01; 8 Mar 02; 1 Mar 02

Additional name(s) & address(es) Yes No

4. Application number(s) or registration numbers(s):

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

Patent Application No.	Filing date
08/433,263	May 2, 1995

B. Patent No.(s)

6,117,640

Additional numbers Yes No

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

Name: Elizabeth Arwine

Registration No. 45,867

Address: U.S. Army Medical Research and Materiel

Command, ATTN: MCMR-JA

504 Scott Street, Fort Detrick

City: Frederick State/Prov.: MD

Country: U.S.A. ZIP: 21702-5012

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

04/10/2002 LINDLER 00000294 210380 08433263

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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

Elizabeth Arwine

18 Mar 2002

Name of Person Signing

Signature

Date

5

Total number of pages including cover sheet, attachments, and

ASSIGNMENT OF INVENTION

For use of this form, see AR 27-60; the proponent agency is OTJAG

Title of Invention: RECOMBINANT VACCINE MADE IN E. COLI AGAINST DENGUE VIRUS

Inventor(s) Ashok Kumar Srivastava; J. Robert Putnak; Charles H. Hoke; Richard L. Warren

* Application Serial No.: 08/433,263

* Date Oath Executed: May 1, 1995 * Filing Date: May 2, 1995

(*Data not known at execution may be added for better identification.)

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 and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.

2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.

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 and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor: _____
(First name) (Middle Initial) (Last name)

Duty Address: Walter Reed Army Institute of Research, Silver Spring, MD 20910-7500
(Locality) (County) (State)

Date: January 23, 2001 Typed Name of Inventor: ASHOK KUMAR SRIVASTAVA

State of: New Jersey)
County of: Bergen) SS

On the above date ASHOK KUMAR SRIVASTAVA 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.

Jane S Bishop
(Signature of notary public)

(SEAL)
JANE S. BISHOP
Notary Public, State of New Jersey
No. 2022089
Qualified in Bergen County
Commission Expires Nov. 20, 2002

My Commission expires on Nov 20, 2002

SUPPLEMENTAL SIGNATURE SHEET

For use of this form, see AR 27-60; the proponent agency is OTJAG

Use this form with DA Forms 2873-R and 2874-R when additional signature blocks are needed.

1. ASSIGNOR(s) OR LICENSOR(s) NAME(s)
Ashok Kumar Srivastava; J. Robert Putnak; Charles H. Hoke;
Richard L. Warren

2. APPLICATION SERIAL NUMBER
08/433,263

3. FILING DATE
May 2, 1995

4. TITLE OF INVENTION
RECOMBINANT VACCINE MADE IN E. COLI AGAINST DENGUE VIRUS

SIGNATURE OF INVENTOR: J Robert (First name) (Middle initial) (Last name)

DUTY ADDRESS: Walter Reed Army Institute of Research, Silver Spring, MD 20910-7500

DATE SIGNED: 10 Sept, 2001 INVENTOR'S TYPED NAME: J. ROBERT PUTNAK

STATE OF Washington)
District of Columbia) SS.

On the above date J. ROBERT PUTNAK known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

Nanette Jones Potts
(Signature of notary public)

NOTARY PUBLIC DISTRICT OF COLUMBIA
My Commission expires on My Commission Expires January 14, 2005

SIGNATURE OF INVENTOR: Charles (First name) H (Middle initial) Hoke (Last name)


DUTY ADDRESS: Walter Reed Army Institute of Research, Silver Spring, MD 20910-7500

DATE SIGNED: 8 MARCH 2002 INVENTOR'S TYPED NAME: CHARLES H. HOKE

STATE OF MARYLAND)
FREDERICK) SS.

On the above date CHARLES H. HOKE known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

 **JILL LANE TRACEY**
NOTARY PUBLIC
FREDERICK COUNTY, MD
COMM. EXP. 12-31-05

Jill Lane Tracey
(Signature of notary public)

My Commission expires on _____

SUPPLEMENTAL SIGNATURE SHEET

For use of this form, see AR 27-60; the proponent agency is OTJAG

Use this form with DA Forms 2873-R and 2874-R when additional signature blocks are needed.

1. ASSIGNOR(s) OR LICENSOR(s) NAME(s)
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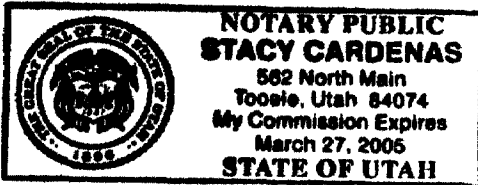
SIGNATURE OF INVENTOR: Richard L Warren
(First name) (Middle initial) (Last name)

DUTY ADDRESS: Walter Reed Army Institute of Research, Silver Spring, MD 20910-7500

DATE SIGNED: 1 March 2002 INVENTOR'S TYPED NAME: RICHARD L. WARREN

STATE OF Utah)
COUNTY OF Tooele) SS.

On the above date **RICHARD L. WARREN** known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.



Stacy Cardenas
(Signature of notary public)

My Commission expires on 3-27-05

SIGNATURE OF INVENTOR: _____
(First name) (Middle initial) (Last name)

DUTY ADDRESS: _____

DATE SIGNED: _____ INVENTOR'S TYPED NAME: _____

STATE OF _____)
COUNTY OF _____) SS.

On the above date _____ known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(SEAL)

(Signature of notary public)

My Commission expires on _____