

11-03-2000

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To the Honorable Commissioner of Patent.

101504499

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Tu-Chen Cheng, Joseph J. DeFrank

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

Name: United States of America as represented by theInternal Address: Secretary of the ArmyAdditional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

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

Street Address: _____

City: Washington State: DC ZIP: 20515Execution Date: 6/22/00Additional name(s) & address(es) attached? ☐ 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: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/603,450Additional numbers attached? ☐ Yes ☒ No

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

Name: U.S.A. Soldier & Biological Chemical CommandInternal Address: ATTN: AMSSB-SCC/Bldg E4435(Vicki Upchurch)Phone: (410) 436-1291Street Address: 5183 Blackhawk RoadCity: APG State: MD ZIP: 210106. Total number of applications and patents involved: 17. 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:

19-2201

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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.

Vicki A. Upchurch

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

PATENT

REEL: 011196 FRAME: 0677

ASSIGNMENT OF INVENTION

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

Title of Invention: One-Step Purification Process for Organophosphorus Hydrolase Enzyme

Inventor(s) Tu-Chen Cheng, Joseph J. DeFrank

* Application Serial No.: 09/603,450

* Date Oath Executed: 6/22/00 * Filing Date: 6/26/00

(*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: Tu-Chen Cheng

(First name)

(Middle initial)

(Last name)

Duty Address: SBCCOM, ERDEC, ATTN: AMSSB-RRT, APG, MD (Harford Co.) 21010-5424

(Locality)

(County)

(State)

Date: 6/22/2000 Typed Name of Inventor: Tu-Chen Cheng

State of: Maryland

) SS

County of: Harford

On the above date Tu-Chen Cheng 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)

(Signature of notary public)

My Commission expires on 1/104

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)
Tu-Chen Cheng, Joseph J. DeFrank

2. APPLICATION SERIAL NUMBER

09/603,450

3. FILING DATE

6/26/00

4. TITLE OF INVENTION
One-Step Purification Process for Organophosphorus Hydrolase Enzyme

SIGNATURE OF INVENTOR:

Joseph J. DeFrank

(First name)

(Middle initial)

(Last name)

DUTY ADDRESS: SBCCOM, ERDEC, ATTN: AMSSB-RRT, APG, MD (Harford Co.) 21010-5424

DATE SIGNED:

6/22/00

INVENTOR'S TYPED NAME: Joseph J. DeFrank

STATE OF Maryland

COUNTY OF Harford

SS.

On the above date Joseph J. DeFrank
executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own
free act and deed.

known to me to be the individual described in and who

(SEAL)

[Signature of Notary Public]

(Signature of notary public)

My Commission expires on 1/1/04

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
executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own
free act and deed.

known to me to be the individual described in and who

(SEAL)

[Signature of Notary Public]

(Signature of notary public)

My Commission expires on