

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Patrick Duffy	05/07/2008
Urszula Krzych	05/08/2008
Donald G. Heppner	05/08/2008
Igor Bacik	05/07/2008
RECEIVING PARTY DATA	
Name:	The United States of America, as Represented by the Secretary of the Army, on Behalf of the Walter Reed Army Institute of Research
Street Address:	504 Scott Street
City:	Fort Detrick
State/Country:	MARYLAND
Postal Code:	21702-5012
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12088065
CORRESPONDENCE DATA	
Fax Number:	(206)224-0779
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(206)682-8100
Email:	efiling@cojk.com
Correspondent Name:	Dennis K. Shelton, Esq.
Address Line 1:	Christensen O'Connor Johnson Kindness
Address Line 2:	1420 Fifth Avenue, Suite 2800
Address Line 4:	Seattle, WASHINGTON 98101-2347
ATTORNEY DOCKET NUMBER:	SBWRDU131050
NAME OF SUBMITTER:	Dennis K. Shelton

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PATENT  
REEL: 021390 FRAME: 0381

**Total Attachments: 5**

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**PATENT**

**REEL: 021390 FRAME: 0382**

WHEREAS, we, Patrick Duffy, residing at 2912 First Avenue West, Seattle, Washington 98119; Urszula Krzych, residing at 3058 Porter Street NW, Washington, DC 20008; Donald G. Heppner, Jr., residing at 9441 Brenner Court, Vienna, Virginia 22180-3402; and Igor Bacik, residing at 12907 Cookston Lane, Rockville, Maryland 20851, are inventors named in an application for Letters Patent of the United States entitled PLASMODIUM LIVER STAGE ANTIGENS, the specification of which was filed on September 29, 2006, as International Application No. PCT/US2006/037851 (now U.S. Application No. 12/088,065);

AND, WHEREAS, The United States of America, as Represented by the Secretary of the Army, on Behalf of the Walter Reed Army Institute of Research, having a principal place of business at the Office of the Staff Judge Advocate, U.S. Army Medical Research & Material Command, 504 Scott Street, Fort Detrick, Maryland 21702-5012 (hereinafter referred to as ASSIGNEE), is desirous of acquiring our entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good, and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign, and transfer unto ASSIGNEE our entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in our name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment, and transfer not been made; and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to us.

Executed at Seattle (city), Washington, this 7<sup>th</sup> day of May, 2008.

Patrick Duffy

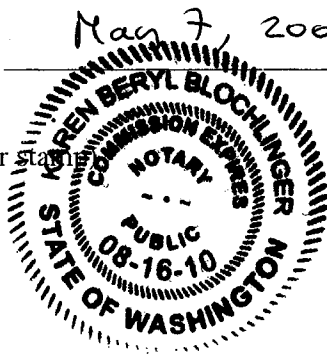
STATE OF WASHINGTON )  
 ) ss.  
COUNTY OF KING )

I certify that I know or have satisfactory evidence that Patrick Duffy is the person who appeared before me, and said person acknowledged that he signed this instrument and

acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: May 7, 2008

(Seal or stamp)



[Signature]  
Signature  
Printed Name: KAREN BLOCHINGER  
Notary Public  
My appointment expires 08-16-10

\*\*\*\*\*

Executed at \_\_\_\_\_ (city), \_\_\_\_\_ (state), this \_\_\_\_\_ day  
of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Urszula Krzych

STATE OF: \_\_\_\_\_ )  
\_\_\_\_\_) ss.  
COUNTY OF \_\_\_\_\_ )

I certify that I know or have satisfactory evidence that Urszula Krzych is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: \_\_\_\_\_

(Seal or stamp)

\_\_\_\_\_  
Signature  
Notary Public  
My appointment expires \_\_\_\_\_

\*\*\*\*\*

ASSIGNMENT OF INVENTION

Title of Invention: PLASMODIUM LIVER STAGE ANTIGENS

Inventors: PATRICK DUFFY; STEFAN H. I. KAPPE; URSZULA KRZYCH; DONALD G. HEPPNER;  
LAWRENCE W. BERGMAN; VLADISLAV A. MALKOV; ALICE TARUN; JASON W.  
WENDLER; IGOR BACIK

Dates Oath Executed:

Application Serial Nos.: U.S. 12/088,065 and International Application Number PCT/US2006/037851  
filed 09/29/2006

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 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 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: \_\_\_\_\_

Date: 05/08/08

Typed Name of Inventor: URSZULA KRZYCH

STATE OF Maryland

COUNTY OF Montgomery

On the above date URSZULA KRZYCH 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)

Patricia A. Gacey  
NOTARY PUBLIC

My Commission expires on 27-MAY-2008

ASSIGNMENT OF INVENTION

Title of Invention: PLASMODIUM LIVER STAGE ANTIGENS

Inventors: PATRICK DUFFY; STEFAN H. I. KAPPE; URSZULA KRZYCH; DONALD G. HEPPNER;  
LAWRENCE W. BERGMAN; VLADISLAV A. MALKOV; ALICE TARUN; JASON W.  
WENDLER; IGOR BACIK

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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: \_\_\_\_\_

Date: \_\_\_\_\_

Typed Name of Inventor: DONALD G. HEPPNER

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On the above date DONALD G. HEPPNER 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 27-MAY-2008.

ASSIGNMENT OF INVENTION

Title of Invention: PLASMODIUM LIVER STAGE ANTIGENS

Inventors: PATRICK DUFFY; STEFAN H. I. KAPPE; URSZULA KRZYCH; DONALD G. HEPPNER;  
LAWRENCE W. BERGMAN; VLADISLAV A. MALKOV; ALICE TARUN; JASON W.  
WENDLER; IGOR BACIK

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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: \_\_\_\_\_

Date: 5/7/2008

Typed Name of Inventor: IGOR BACIK

STATE OF Maryland

COUNTY OF Montgomery

On the above date IGOR BACIK 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 \_\_\_\_\_

LAURENCE D. RICHARDS  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires July 14, 2008