

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT						
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Name of Conveying Party previously recorded on Reel 025826 Frame 0352. Assignor(s) hereby confirms the assignment of referenced invention, patent application and patent rights.						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Larry W. Kwak</td> <td>04/16/2007</td> </tr> <tr> <td>Bira Arya</td> <td>03/06/2007</td> </tr> </tbody> </table>		Name	Execution Date	Larry W. Kwak	04/16/2007	Bira Arya	03/06/2007
Name	Execution Date						
Larry W. Kwak	04/16/2007						
Bira Arya	03/06/2007						
RECEIVING PARTY DATA							
Name:	The United States of America, as Represented by the Secretary, Department of Health and Human Services						
Street Address:	6011 Executive Blvd., Suite #325						
Internal Address:	Office of Technology Transfer, National Institutes of Health						
City:	Rockville						
State/Country:	MARYLAND						
Postal Code:	20852-3804						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13019160</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13019160		
Property Type	Number						
Application Number:	13019160						
CORRESPONDENCE DATA							
Fax Number:	(503)595-5300						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	503-595-5300						
Email:	rosanne.paulson@klarquist.com						
Correspondent Name:	Gregory K. Scott, Klarquist Sparkman LLP						
Address Line 1:	121 SW Salmon Street, Suite 1600						
Address Line 2:	One World Trade Center						
Address Line 4:	Portland, OREGON 97204-2988						
ATTORNEY DOCKET NUMBER:	4239-83275-06						
NAME OF SUBMITTER:	Gregory K. Scott, Ph.D.						

CH \$40.00 13019160

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PATENT
REEL: 026357 FRAME: 0297

Total Attachments: 8

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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Larry W. Kwak	04/16/2007
Arya Biragyn	03/06/2007

RECEIVING PARTY DATA

Name:	The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services
Street Address:	6011 Executive Blvd., Suite #325
Internal Address:	Office of Technology Transfer, National Institutes of Health
City:	Rockville
State/Country:	MARYLAND
Postal Code:	20852-3804

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13019160

CORRESPONDENCE DATA

Fax Number: (503)595-5301
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 5035955300

Email: adrienne.chocholak@klarquist.com

Correspondent Name: Klarquist Sparkman, LLP

Address Line 1: 121 SW Salmon Street, Suite 1600

Address Line 2: One World Trade Center

Address Line 4: Portland, OREGON 97204

ATTORNEY DOCKET NUMBER:	4239-83275-06
NAME OF SUBMITTER:	Susan Alpert Siegel
Signature:	/Susan Alpert Siegel/

Date:

02/17/2011

Total Attachments: 3

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RECEIPT INFORMATION

EPAS ID: PAT1468678

Receipt Date: 02/17/2011

Fee Amount: \$40

ASSIGNMENT

WHEREAS, we, Larry W. Kwak and Arya Biragyn, employees of the Department of Health and Human Services, have invented "**DEFENSIN-ANTIGEN FUSION PROTEINS**," for which an international patent application was filed on September 17, 2001, and assigned International Application No. PCT/US02/29074, which subsequently entered the national phase of prosecution in the United States on March 17, 2003 and assigned U.S. Application No. 10/380,926, and claims priority to U.S. Provisional Application No. 60/233,074, filed on September 15, 2000; and

WHEREAS, we are the applicants named in the above-identified application; and

WHEREAS, the conditions under which said invention was made are such as to entitle **THE UNITED STATES OF AMERICA** [hereinafter **THE GOVERNMENT**] under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, **THE GOVERNMENT** is desirous of acquiring all domestic and foreign right, title, and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to **THE GOVERNMENT**, as represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the United States and within each and every foreign country in which **THE GOVERNMENT** elects to file and the entire right, title, and interest in and to such application, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), continuation, continuation-in-part, divisional, reissue, reexamination, or extension thereof, and including priority rights as may be filed in the United States and foreign countries, and such Letters Patent as

may be granted to be held by THE GOVERNMENT to the end of the term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to THE GOVERNMENT, as represented by the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

IN WITNESS WHEREOF, I have executed this Assignment this 16th day of April, 2003. ^{LWK}
7

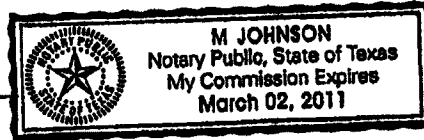
Larry W. Kwak (L.S.)
Larry W. Kwak

State of Texas

County of Harris

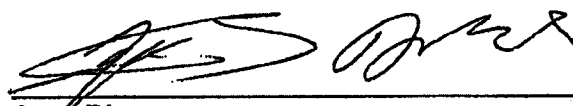
On this 16th day of April, 2003, before me, a Notary Public, came Larry W. Kwak, to me known and known to be the individual described in and who executed the foregoing assignment, and he/she duly acknowledged the same to be his/her free act and deed.

[Signature]
Notary Public



My Commission Expires: 3/2/2011

IN WITNESS WHEREOF, I have executed this Assignment this 6
day of March, 2008. ⁷


Arya Biragyn (L.S.)

State of Maryland

County of Baltimore City

On this 6 day of March, ²⁰⁰⁷ ~~2003~~, before me, a Notary Public, came Arya Biragyn, to me known and known to be the individual described in and who executed the foregoing assignment, and he/she duly acknowledged the same to be his/her free act and deed.

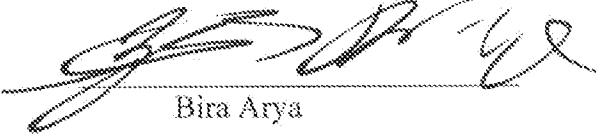

Notary Public

My Commission Expires: 7/24/2010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

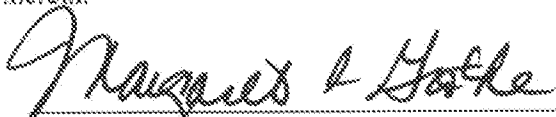
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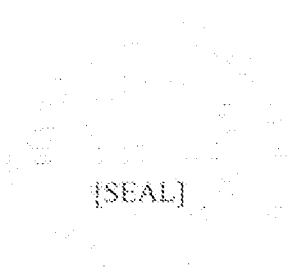
I, Bira Arya, do hereby solemnly swear that I am the inventor originally listed as "Arya Biragyn" in the patents and patent applications listed in Exhibit A (attached hereto). My name was mistakenly listed as "Arya Biragyn" on each of the patents and patent applications listed in Exhibit A. In accordance with the custom of Mongolia (the country of my birth), I was known as "Arya Biragyn," even though my legal name is Bira Arya. I followed this Mongolian custom when I came to the United States as an adult, and used "Arya Biragyn" as my name on the patents and patent applications listed in Exhibit A. However, as evidenced by the attached copy of the identification pages of my U.S. Passport (Exhibit B), my correct legal name is Bira Arya.

Dated this 27 day of April, 2011. 
Bira Arya

STATE OF Maryland)
COUNTY OF Baltimore) ss.

This 27th day of April, 2011, before me personally came the above-named Bira Arya, who executed the foregoing instrument in my presence, and who acknowledged to me that she executed the same of her own free will for the purposes set forth therein.


Notary Public For
My commission expires:



[SEAL]

Exhibit A
Patents and Patent Applications in which Bira Arya is an inventor

Title	Patent No.	Issue Date	Country
VIRAL CHEMOKINE-ANTIGEN FUSION PROTEINS	7,897,152	3/1/2011	USA
DEFENSIN-ANTIGEN FUSION PROTEINS	7,754,676	7/13/2010	USA
DEFENSIN-ANTIGEN FUSION PROTEINS	7,915,040	3/29/2011	USA

Title	Application No.	Filing Date	Country
SPANX-B POLYPEPTIDES AND THEIR USE	61/156,435	2/27/2009	USA
SPANX-B POLYPEPTIDES AND THEIR USE	PCT/US2010/025633	2/26/2010	PCT
CHEMOKINE-ANTIGEN FUSION PROTEINS AS VACCINES FOR TUMORS AND AIDS	60/233,067	9/15/2000	USA
VIRAL CHEMOKINE-ANTIGEN FUSION PROTEINS	PCT/US2001/029075	9/17/2001	PCT
VIRAL CHEMOKINE-ANTIGEN FUSION PROTEINS	13/009,572	01/19/2011	USA
METHOD AND COMPOSITIONS OF DEFENSIN-ANTIGEN FUSION PROTEINS AS VACCINES FOR TUMORS AND AIDS	60/233,074	9/15/2000	USA
DEFENSIN-ANTIGEN FUSION PROTEINS	PCT/US2001/029075	9/17/2001	PCT
DEFENSIN-ANTIGEN FUSION PROTEINS	PCT/US2001/043830	11/19/2001	PCT
DEFENSIN-ANTIGEN FUSION PROTEINS	13/019,160	2/1/2011	USA
REGULATORY B CELLS (tBREGS) AND THEIR USE	61/302,074	2/5/2010	USA
REGULATORY B CELLS (tBREGS) AND THEIR USE	PCT/US2011/023789	2/4/2011	PCT

