506840504 08/27/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

n v1.1 EPAS ID: PAT6887325

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUAIZHONG HU	10/25/2002
SHENGLIN MA	11/04/2002
JERRY T. THOMPSON	10/31/2002
JUNG-HEE WOO	12/03/2002
DAVID M. NEVILLE JR.	12/03/2002

RECEIVING PARTY DATA

Name:	THE USA, AS REPRESENTED BY THE SECRETARY, DEPT OF HEALTH AND HUMAN SERVICES
Street Address:	OFFICE OF TECHNOLOGY TRANSFER, NIH
Internal Address:	6011 EXECUTIVE BLVD., SUITE 235, MSC 7660
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20892-7660

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8217158

CORRESPONDENCE DATA

Fax Number: (321)291-3000

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3129130001

Email: docketing@mbhb.com

Correspondent Name: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

Address Line 1: 300 S. WACKER DRIVE
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Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	21-1120-US-DIV
NAME OF SUBMITTER:	DMITRIY A. VINAROV
SIGNATURE:	/Dmitriy A. Vinarov/
DATE SIGNED:	08/27/2021

PATENT 506840504 REEL: 057307 FRAME: 0844

Total Attachments: 16 source=Inventors to NIH Assigment#page1.tif source=Inventors to NIH Assigment#page2.tif source=Inventors to NIH Assigment#page3.tif source=Inventors to NIH Assigment#page4.tif source=Inventors to NIH Assigment#page5.tif source=Inventors to NIH Assigment#page6.tif source=Inventors to NIH Assigment#page7.tif source=Inventors to NIH Assigment#page8.tif source=Inventors to NIH Assigment#page9.tif source=Inventors to NIH Assigment#page10.tif source=Inventors to NIH Assigment#page11.tif source=Inventors to NIH Assigment#page12.tif source=Inventors to NIH Assigment#page13.tif source=Inventors to NIH Assigment#page14.tif source=Inventors to NIH Assigment#page15.tif source=Inventors to NIH Assigment#page16.tif

ASSIGNMENT

WHEREAS, we, David M. Neville, Jr., Jeny T. Thompson, Huaizhong Hu, Jung-Hee Woo, and Shenglin Ma, employees of the Department of Health and Human Services, have invented "IMMUNOTOXIN FUSION PROTEINS AND MEANS FOR EXPRESSION THEREOF", for which we have made application for Letters Patent of the United States, filed May 18, 2001; and

WHEREAS, we, the applicant(s) named in the above-identified application for Letters Patent; 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 Putent; und

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to THE GOVERNMENT, 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 elect 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, division, 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

NAR - W156711

REEL: 013686 FRAME: 0973

PATENT

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 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 h	have executed this Assignment this day of
. 20	
	(L.S.)
	David M. Neville, Jr.
State of	
County of	
the mumary are in the second back and	known to be the individual described in and who duly acknowledged the same to be free act and deed.
Notary Public	
My Commission Expires:	

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N&R = 11 156593

PATENT REEL: 013686 FRAME: 0974

executed this Assignment this day of
(L.S.)
Jerry T. Thompson
, 20, before me, a Notary Public, came n to be the individual described in and who executed ledged the same to be free act and deed.
e executed this Assignment this 2 day of Lagrany Huaizhong Hu
20.02, before me, a Notary Public, came the the individual described in and who executed the ged the same to be free act and deed.

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Man - W. M. Co.

PATENT REEL: 013586 FRAME: 0978

	(L.S.)
	Jung-Hee Woo
State of	
County of	SCREEN STATE OF THE STATE OF TH
lung-Hee Woo, to me known and kn	. 20, before me, a Notary Public, came sown to be the individual described in and who executed the sowledged the same to be free act and deed.
Notary Public	
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in witness whereof.	I have executed this Assignment this day of
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	(L.S.)
	Shenglin Ma
State of	
County of	all and property and the second secon
changin May to me known and know	, 20, before me, a Notary Public, came wn to be the individual described in and who executed the lowledged the same to be free act and deed.
Notary Public	
My Commission Expires:	

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100 M 180 MAN

PATENT REEL: 013686 FRAME: 0976





ASSIGNMENT

WHEREAS, we, David M. Neville, Jr., Jerry T. Thompson, Huaizhong Hu, Jung-Hee Woo, and Shenglin Ma, employees of the Department of Health and Human Services, have invented "IMMUNOTOXIN FUSION PROTEINS AND MEANS FOR EXPRESSION THEREOF", for which we have made application for Letters Patent of the United States, filed May 18, 2001; and

WHEREAS, we, the applicant(s) named in the above-identified application for Letters

Patent; 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, 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 elect 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, division, 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

K&R = W156393

PATENT REEL: 013686 FRAME: 0977





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 Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affiduvits, 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 day of
, 20	
	(L.S.)
	David M. Neville, Jr.
State of	gustinere*
County of	
mandad atavilla for to me known and	, 20, before me, a Notary Public, came d known to be the individual described in and who I duly acknowledged the same to be free act and deed.
Notary Public	
My Commission Expires:	

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1688 - W196599

PATENT REEL: 013686 FRAME: 0978

	(3 C)
	Jerry T. Thompson (L.S.)
State of	
County of	
Jerry T. Thompson, to me known and I	known to be the individual described in and who execute knowledged the same to be free act and deed.
Notary Public	
My Commission Expires:	
	have executed this Assignment this day of
	have executed this Assignment this day of(L.S.) Huaizhong Hu
, 20	(L.S.) Huaizhong Hu
	Huaizhong Hu
	Huaizhong Hu (L.S.) Huaizhong Hu
	(L.S.) Huaizhong Hu , 20, before me, a Notary Public, came on to be the individual described in and who executed the viedged the same to be free act and deed.

PATENT REEL: 013686 FRAME: 0979

PATENT REEL: 057307 FRAME: 0852

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IN WITNESS WHEREOF, I have exe	cuted this Assignment this day of
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	(8 C)
Jun	g-Hee Woo
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Sime of	
County of	
On this day of Jung-Hee Woo, to me known and known to be the foregoing assignment, and duly acknowledged the	, 20, before me, a Notary Public, came ne individual described in and who executed the same to be free act and deed.
Notary Public	
My Commission Expires:	90000000000000000000000000000000000000
November 2002	cuted this Assignment this 474 day of
Shows a second s	englin Ma
County of MARION On this May of Now have the foregoing assignment, and duly acknowledged to the Notary Public Sugar Grand Sugar My Commission Expires: 24, 3008	ie same to de 11cc sct shu uccu.

NAR - WISSHIT

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PATENT REEL: 013586 FRAME: 0980



ASSIGNMENT

WHEREAS, we, David M. Neville, Jr., Jerry T. Thompson, Huaizhong Hu, Jung-Hee Woo, and Shenglin Ma, employees of the Department of Health and Human Services, have invented "IMMUNOTOXIN FUSION PROTEINS AND MEANS FOR EXPRESSION THEREOF", for which we have made application for Letters Patent of the United States, filed May 18, 2001; and

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Nest - W156393

PATENT REEL: 013686 FRAME: 0981



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 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	e executed this Assignment this day of
	David M. Neville, Jr.
State of	
7 2 599 60 0.9	
County of	•
David M. Neville, Jr., to me known and known	, 20, before me, a Notary Public, came own to be the individual described in and who y acknowledged the same to be free act and deed.
Notary Public	
My Commission Expires:	

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NAR W 15/3/3

PATENT REEL: 013888 FRAME: 0982

IN WITNESS WHEREOF, I have	executed this Assignment this "3," only or
<u>Della</u> , 20 <u>0</u> L	Jerry Ti Thompson (L.S.)
State of Pensylvan	
On this 31 day of Oct Jerry T. Thompson, to me known and known the foregoing assignment, and duly acknowledges.	, 20 24 before me, a Notary Public, came n to be the individual described in and who executed edged the same to be free act and deed.
Notary Public Research May Commission Expires:	
IN WITNESS WHEREOF, I have	executed this Assignment this day of
	Huaizhong Hu
State of	
On this day of Huaizhong Hu, to me known and known to foregoing assignment, and duly acknowledg	be the individual described in and who executed the ed the same to be free act and deed.
Notary Public	***************************************
My Commission Expires:	

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NW8 - 11,120,403

PATENT REEL: 013586 FRAME: 0983

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	(L.S.)
	Jung-Hee Woo
State of	***************************************
County of	
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Notary Public	
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XX8 - W150 193

PATENT REEL: 013886 FRAME: 0984

PATENT

REEL: 057307 FRAME: 0857

ASSIGNMENT

WHEREAS, we, David M. Neville, Jr., Jerry T. Thompson, Huaizhong Hu, Jung-Hee Woo, and Shenglin Ma, employees of the Department of Health and Human Services, have invented "IMMUNOTOXIN FUSION PROTEINS AND MEANS FOR EXPRESSION THEREOF", for which we have made application for Letters Patent of the United States, filed May 18, 2001; and

WHEREAS, we, the applicant(s) named in the above-identified application for Letters
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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

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Sec. W 156 193

PATENT REEL: 013886 FRAME: 0985

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 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 34% day of Decade. 2006.
David M. Neville, Jr. (L.S.)
State of Zanjank
County of Landgeness
On this 344 day of 266 day . 2022, before me, a Notary Public, came David M. Neville, Jr., to me known and known to be the individual described in and who executed the foregoing assignment, and duly acknowledged the same to be free act and deed.
Notary Public July C. July
My Commission Expires:

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PATENT REEL: 013686 FRAME: 0986

IN WITNESS WHEREOF, I ha	ve executed this Assignment this day of
, 20	
	(L.S.)
	Jeny T. Thompson
State of	~
County of	-
Jerry T. Thompson, to me known and kno	, 20, before me, a Notary Public, came wn to be the individual described in and who executed wledged the same to be free act and deed.
Notary Public	
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IN WITNESS WHEREOF, I has	ve executed this Assignment this day of
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	Huaizhong Hu
State of	_
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foregoing assignment, and duly acknowled	dged the same to be free act and deed.
Notary Public	
My Commission Expires:	quarters shall be compared the shifted the

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Nan - Wishin

PATENT REEL: 013886 FRAME: 0987

IN WITNESS WHEREOF, I have executed this Assignment this 244 day of
December_, 2002.
42131
Jung-Her Woo
· · · · · · · · · · · · · · · · · · ·
State of
County of Linkspacey
gr · ·
On this 3 day of December 20 24, before me, a Notary Public, came Jung-Hee Woo, to me known and known to be the individual described in and who executed the
foregoing assignment, and duly acknowledged the same to be free act and deed.
<i>I</i>
Notary Public July C. July C. July C. My Commission Expires: May 1, 2003
My Commission Expires:
IN WITNESS WHEREOF, I have executed this Assignment this day of
20
20 (L.S.)
20 (L.S.)
State of

RECORDED: 12/16/2002

PATENT REEL: 013686 FRAME: 0988

PATENT REEL: 057307 FRAME: 0861

RECORDED: 08/27/2021

S&R = W156393