

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4570310

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE	
CONVEYING PARTY DATA		
Name		Execution Date
WAYNE STATE UNIVERSITY		08/25/2017
RECEIVING PARTY DATA		
Name:	NATIONAL INSTITUTES OF HEALTH - DIRECTOR DEITR	
Street Address:	NIH, 6705 ROCKLEDGE DRIVE	
City:	BETHESDA,	
State/Country:	MARYLAND	
Postal Code:	20892-7980	
PROPERTY NUMBERS Total: 22		
Property Type	Number	
Patent Number:	9222938	
Application Number:	13353346	
Application Number:	13811686	
Application Number:	13811687	
Application Number:	60773919	
Application Number:	60936242	
Application Number:	61005789	
Application Number:	61111798	
Application Number:	61171267	
Application Number:	61257020	
Application Number:	61434850	
Application Number:	61785015	
Application Number:	61765544	
Application Number:	61803720	
Application Number:	61951360	
PCT Number:	US2007011060	
PCT Number:	US2010031900	
PCT Number:	US2012059318	
PCT Number:	US2013056242	
PCT Number:	US2014016561	

PATENT

Property Type	Number
Application Number:	12746581
Application Number:	60797998

CORRESPONDENCE DATA

Fax Number: (313)577-3448

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: 3135773448

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Correspondent Name: ELISABETH S. SUSSEX

Address Line 1: 5057 WOODWARD AVE.

Address Line 2: SUITE 6064

Address Line 4: DETROIT, MICHIGAN 48202

NAME OF SUBMITTER:	ELISABETH S. SUSSEX
SIGNATURE:	/Elisabeth S. Sussex/
DATE SIGNED:	08/29/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 22

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Neopeptide Detection of Disease Using Protein Arrays

Inventor(s): Madhumita Chatterjee, Sorin Draghici, Michael A. Tainsky

U.S. Filing/Issue Date: 12/29/2015

Patent or Application Serial No: 9222938

Grant/Contract Number(s): CA100740

Foreign Applications filed/intended in (countries): N/A

The invention identified above is a subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights Clause at **37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above identified patent application.

Signed this 25 day of August 2017

By: Joan Dunbar, Ph.D., Assoc. VP, Technology Commercialization
Institutional Business Official Printed Name and Title


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Title Assoc. VP, Technology Commercialization

For Wayne State University

Grantee/Contractor Organization

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REEL: 043708 FRAME: 0840

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Activated T Cells

Inventor(s): Lawrence G. Lum

U.S. Filing/Issue Date: 09/14/2010

Patent or Application Serial No: 12/746,581

Grant/Contract Number(s): CA092344

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Cross-linking ATP Analogs

Inventor(s): Mary K. Pflum

U.S. Filing/Issue Date: 01/16/2012

Patent or Application Serial No: 13/353,346

Grant/Contract Number(s): GM079529

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Neopeptide Detection of Disease Using Protein Arrays

Inventor(s): Michael A. Tainsky, Sorin Draghici, Madhumita Chatterjee

U.S. Filing/Issue Date: 07/25/2011

Patent or Application Serial No: 13/811,687

Grant/Contract Number(s): CA100740

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Use of Flagellin to Prevent and to Treat Inflammation Associated Gram Negative Bacterial Infection

Inventor(s): Jing Zhang, Linda D. Hazlett, Fu-Shin X. Yu, Ashok Kumor

U.S. Filing/Issue Date: 02/16/2006

Patent or Application Serial No: 60/773,919

Grant/Contract Number(s): NIH EY014080 NIH EY010869 NIH EY002986 NIH EY016058

Foreign Applications filed/intended in (countries): N/A

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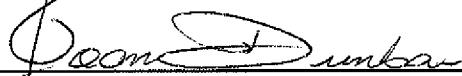
NIH EY014080 NIH EY010869 NIH EY002986 NIH EY016058
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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Microfluidic Particle Concentration and Separator

Inventor(s): Gregory W. Auner, Chung-Chu Chen

U.S. Filing/Issue Date: 05/05/2006

Patent or Application Serial No: 60/797,998

Grant/Contract Number(s): EB000741

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Enhanced Surface-Selective Spectroscopy Using Broad-Band Heterodyne-Detected Sum Frequency Generation

Inventor(s): Himali D. Jayathilake, Igor V. Stiopkin, Alexander V. Benderskii

U.S. Filing/Issue Date: 06/18/2007

Patent or Application Serial No: 60/936,242

Grant/Contract Number(s): CHE0449720

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Activated T Cells

Inventor(s): Lawrence G. Lum

U.S. Filing/Issue Date: 12/07/2007

Patent or Application Serial No: 61/005,789

Grant/Contract Number(s): CA092344

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Vaccines Targeting Cellular Death Receptors

Inventor(s): Wei-Zen Wei, Gen Sheng Wu, Marie P. Piechocki, Richard F. Jones

U.S. Filing/Issue Date: 11/06/2008

Patent or Application Serial No: 61/111,798

Grant/Contract Number(s): NIH CA076340 ARMY/MRMC W81XWH-07-1-0521

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Bifunctional/Polyfunctional Dopamine D2/D3 Agonist as Neuroprotective Agents for Treatment of Neurodegenerative Diseases
Invention title: _____

Inventor(s): Aloke K. Dutta

U.S. Filing/Issue Date: 04/21/2009

Patent or Application Serial No: 61/171,267

Grant/Contract Number(s): NS047198

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Cross-linking ATP Analogs

Inventor(s): Mary K. Pflum

U.S. Filing/Issue Date: 11/01/2009

Patent or Application Serial No: 61/257,020

Grant/Contract Number(s): GM079529

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Cross-linking ATP Analogs

Inventor(s): Mary K. Pflum

U.S. Filing/Issue Date: 01/21/2011

Patent or Application Serial No: 61/434,850

Grant/Contract Number(s): GM079529

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: GALECTIN-3 AS A MARKER FOR PROSTATE CANCER

Inventor(s): Vitaly Balan, Elisabeth I. Heath, Lance K. Heilbrun, Avraham Raz

U.S. Filing/Issue Date: 02/15/2013

Patent or Application Serial No: 61/765,544

Grant/Contract Number(s): CA046120

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Use of plasmin and its derivatives to enhance rAAV-mediated gene transduction in the retina

Inventor(s): Zhuo-Hua Pan, Elena Ivanova

U.S. Filing/Issue Date: 03/14/2013

Patent or Application Serial No: 61/785,015

Grant/Contract Number(s): EY017130

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Selective Killing of Germinal Center-Derived B Cell Lymphomas

Inventor(s): Ashok S. Bhagwat

U.S. Filing/Issue Date: 03/20/2013

Patent or Application Serial No: 61/803,720

Grant/Contract Number(s): GM057200

Foreign Applications filed/intended in (countries): N/A

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At 5057 Woodward Ave., Suite 6400, Detroit, MI 48082

Business Address

06072016

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: An optimized mGluR6 promoter for targeted expression of transgenes in retinal bipolar cells.

Inventor(s): Zhuo-Hua Pan, Qi Lu, Tushar H. Ganjawala, Jr-Gang Cheng

U.S. Filing/Issue Date: 03/11/2014

Patent or Application Serial No: 61/951,360

Grant/Contract Number(s): EY017130

Foreign Applications filed/intended in (countries): N/A

The invention identified above is a subject invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights Clause at **37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above identified patent application.

Signed this 25 day of August 2017

By: Joan Dunbar, Ph.D., Assoc. VP, Technology Commercialization
Institutional Business Official Printed Name and Title

Joan Dunbar
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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Device and Method of Separating and Concentrating Microfluidic Particles

Inventor(s): Gregory W. Auner, Chung-Chu Chen

U.S. Filing/Issue Date: 05/07/2007

Patent or Application Serial No: PCT/US2007/011060

Grant/Contract Number(s): EB000741

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Bifunctional/Polyfunctional Dopamine D2/D3 Agonist as Neuroprotective Agents for Treatment of Neurodegenerative Diseases

Inventor(s): Aloke K. Dutta

U.S. Filing/Issue Date: 04/21/2010

Patent or Application Serial No: PCT/US2010/031900

Grant/Contract Number(s): NS047198

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Graphene Supported Bifunctional Catalysts

Inventor(s): Kapila Wadumesthrige, Ka Yuen Simon Ng, Steven O. Salley

U.S. Filing/Issue Date: 10/09/2012

Patent or Application Serial No: PCT/US2012/059318

Grant/Contract Number(s): DE-EE0002106

Foreign Applications filed/intended in (countries): N/A

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Long non-protein-coding RNA molecules as therapeutics for epilepsy.

Inventor(s): Jeffre A. Loeb, Leonard Lipovich

U.S. Filing/Issue Date: 08/22/2013

Patent or Application Serial No: PCT/US2013/056242

Grant/Contract Number(s): NIH R01 NS045207 NIH R01 NS058802

Foreign Applications filed/intended in (countries): N/A

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NIH R01 NS045207

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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Level of Galectin-3 protein in human blood improves PSA test results.

Inventor(s): Avraham Raz, Vitaly Balan, Elisabeth Heath, Lance K. Heilbrun

U.S. Filing/Issue Date: 02/14/2014

Patent or Application Serial No: PCT/US2014/016561

Grant/Contract Number(s): CA046120

Foreign Applications filed/intended in (countries): N/A

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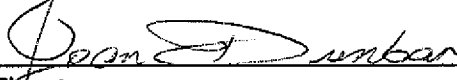
This invention was made with government support under **Grant/Contract Number(s)**
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Executive Order 9424: Government Support License (Government Support Clause)

Invention title: Neoepitope Detection of Disease Using Protein Arrays

Inventor(s): Michael A. Tainsky, Sorin Draghici, Madhumita Chatterjee

U.S. Filing/Issue Date: 07/25/2011

Patent or Application Serial No: 13/811,687

Grant/Contract Number(s): CA100740

Foreign Applications filed/intended in (countries): N/A

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