

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4109798

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NORIKO SATO	10/14/2016
HAITAO WU	10/20/2016
GARY L. GRIFFITHS	10/18/2016
PETER L. CHOYKE	10/19/2016
RECEIVING PARTY DATA	
Name:	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
Street Address:	OFFICE OF TECHNOLOGY TRANSFER, NATIONAL INSTITUTES OF HEALTH
Internal Address:	6011 EXECUTIVE BOULEVARD, SUITE 325, MSC 7660
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20892-7660
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15300883
CORRESPONDENCE DATA	
Fax Number:	(312)616-5700
<i>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.</i>	
Phone:	312-616-5600
Email:	Assignments@leydig.com
Correspondent Name:	LEYDIG, VOIT & MAYER, LTD.
Address Line 1:	TWO PRUDENTIAL PLAZA, SUITE 4900
Address Line 2:	180 NORTH STETSON AVENUE
Address Line 4:	CHICAGO, ILLINOIS 60601
ATTORNEY DOCKET NUMBER:	726433
NAME OF SUBMITTER:	KRISTEN J. HARRELL
SIGNATURE:	/Kristen J. Harrell, Reg. No. 51,783/
DATE SIGNED:	10/24/2016

Total Attachments: 5

source=Assignment-Executed#page1.tif

source=Assignment-Executed#page2.tif

source=Assignment-Executed#page3.tif

source=Assignment-Executed#page4.tif

source=Assignment-Executed#page5.tif

**ASSIGNMENT FOR NIH/FDA/CDC INVENTIONS AIA
(NIH OR FDA OR CDC AND LEIDOS BIOMEDICAL CO-INVENTORS ONLY)**

WHEREAS, we,

1. Noriko Sato, an employee of the National Institutes of Health,
2. Haitao Wu, an employee of the National Institutes of Health, and
3. Peter L. Choyke, an employee of the National Institutes of Health,

a component of the United States Department of Health and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, and

1. Gary L. Griffiths, an employee of Leidos Biomedical Research, Inc., a subsidiary of Leidos, Inc., a Delaware corporation having a principal place of business at 1050 Boyles Street, Bldg 428, Frederick, MD 21702-1201

have made certain inventions as described and claimed in:

1. U.S. Patent Application No. 15/300,883, filed September 30, 2016, and which is entitled "ZIRCONIUM-89 OXINE COMPLEX AS A CELL LABELING AGENT FOR POSITRON EMISSION TOMOGRAPHY,"

herein referred to as "**The Patent Application**"

WHEREAS, we are the inventors named in **The Patent Application**; and

WHEREAS, the inventions described and claimed in **The Patent Application** were made under conditions such as to entitle **THE UNITED STATES OF AMERICA, as represented by the Secretary, Department of Health and Human Services** [hereinafter **THE GOVERNMENT**] under Executive Order 10096 and its amendments, 35 USC §§200-202, §§206-207, and §210 and 37 CFR Part 501 and 37 CFR Part 401 to the entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in **The Patent Application**; and

NOW, THEREFORE, having the legal obligation to assign our right, title and interest in the inventions described and claimed in **The Patent Application** to **THE GOVERNMENT**, having a place of business at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660 and for consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby assign and transfer to **THE GOVERNMENT**:

the entire right, title, and interest in and to any and all inventions described and claimed in **The Patent Application** and any and all Letters Patent(s) which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

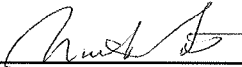
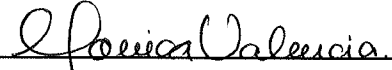
all rights to claim priority on the basis of **The Patent Application** including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patent(s) that may be filed for any and all inventions described and claimed in **The Patent Application** that may be filed in any foreign country and all Letters Patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such Letters Patents as may be granted in the United States or any foreign country 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**, 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.

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 1:	
<u>10.14.2016</u> Date	<u></u> Noriko Sato
County of <u>Montgomery</u>	Ss:
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>14</u> day of <u>October, 2016</u>	
[Seal] MONICA VALENCIA NOTARY PUBLIC STATE OF MARYLAND My Commission Expires February 11, 2019	<u></u> Notary Public for <u>MD</u> My Commission Expires: <u>02/11/19.</u>

Inventor 3:

10/18/16
Date

G. L. Griffiths
Gary L. Griffiths

County of Montgomery St

State of Maryland

Subscribed and sworn to before me this 18th day of October, 2016

[Seal]

AMY E. MEYER MCALLISTER
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires May 11, 2020

Amy E. Meyer McAllister
Notary Public for Maryland
My Commission Expires: 05/11/2020

Inventor 4:

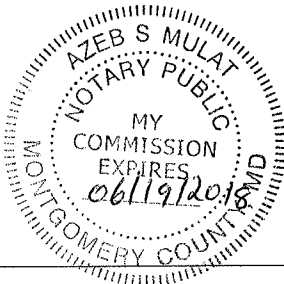
Oct 19, 2016 Peter L. Choyke
Date Peter L. Choyke

County of Montgomery Ss:

State of Maryland

Subscribed and sworn to before me this 19 day of October 2016.

[Seal]



Azeb S. Mulat
Notary Public for Montgomery County
My Commission Expires: 06/19/2018