505859912 01/13/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENNETH A. JACOBSON	07/06/2016
DILIP K. TOSH	07/06/2016
DANIELA SALVEMINI	08/03/2016

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	
Name:	SAINT LOUIS UNIVERSITY	
Street Address:	221 N. GRAND BOULEVARD	
City:	ST. LOUIS	
State/Country:	MISSOURI	
Postal Code:	63103	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15949701

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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assignments@leydig.com Email: LEYDIG, VOIT & MAYER, LTD. **Correspondent Name:**

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PATENT 505859912

REEL: 051569 FRAME: 0188

ATTORNEY DOCKET NUMBER:	738618
NAME OF SUBMITTER:	CHERYL BELCIK
SIGNATURE:	/Cheryl Belcik/
DATE SIGNED:	01/13/2020
Total Attachments: 5	
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PATENT REEL: 051569 FRAME: 0189

ASSIGNMENT FOR NIH/FDA/CDC INVENTIONS AIA (NIH OR FDA OR CDC CO-INVENTORS ONLY)

WHEREAS, we.

- 1. Kenneth A. Jacobson, an employee of the National Institutes of Health, and
- 2. Dilip K. Tosh, 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, have made certain inventions as described and claimed in:

 U.S. Patent Application No. 15/039,778, filed May 26, 2016, and which is entitled "A3 ADENOSINE RECEPTOR AGONISTS"

herein referred to as "The Patent Application"

WHEREAS, we are some of 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 §§200-201, §§206-207, and §210 and 37 CFR Part 501 to our entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring our 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:

our 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.

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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:	
County of Many merry	A. Jacqueson
State of Manyland Subscribed and sworn to before me this 6 day	y of <u>Tily 2016</u>
[Scal] Notary My Cor	Public for
	MARPHEET KAUR NOTARY PUBLIC MONTGOMERY COUNTY MARYLAND

Inventor 2:	
7/6/16	
Date	JAG. whitest
Date 7 (6 (201 (2	Witness J

ASSIGNMENT

WHEREAS, I

(1) Daniela Salvemini of Chesterfield, Missouri.

hereinafter referred to as Assignor, have co-invented a certain invention entitled:

A3 ADENOSINE RECEPTOR AGONISTS

for which invention an application (non-provisional) for a U.S. patent was filed on May 26, 2016, under U.S. Application No. 15/039,778, and

WHEREAS, Saint Louis University, a non-profit organization duly organized under the laws of the State of Missouri, having its principal office and place of business at 221 N. Grand Boulevard, St. Louis, Missouri 63103, hereinafter referred to as Assignee, is desirous of acquiring my right, title, and interest in, to, and under the invention described in the patent application, including my entire priority right derived from the application,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee and Assignee's legal representatives, successors, and assigns my right, title, and interest in, to, and under the invention, the referenced patent application, other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reexaminations, inter partes reexaminations, inter partes reexaminations, and oppositions).

Assignor conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making

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applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor has hereunder set her hand on the date shown below.

Date 8/3/2/6	Oblemin'
	Daniela Salvemini
STATE OF MISSOURI	
COUNTY OF St. Louis	
Public in and for said county, appeared D the same person whose name is subs	. 2016, before me, a Notary and salvemini, who is personally known to me to be scribed to the foregoing assignment document, and vered the document as his/her free and voluntary act for
	Mary M Sheel
{SEAL}	Notary Public
MARY H. SNEED Notary Public - Notary Seal STATE OF MISSOURI St. Louis County My Commission Expires: June 14, 2020	My Commission Expires: <u>QG//4/302</u> C

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