505496373 05/28/2019

EPAS ID: PAT5543177

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES P. VENDITTI	08/26/2015
RANDY J. CHANDLER	08/11/2015

RECEIVING PARTY DATA

Name:	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH & HUMAN SERVICES	
Street 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:	16390917

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 6137NHGRI-6-PUS-2

NAME OF SUBMITTER: TONY SANNY

SIGNATURE: /Tony Sanny/

DATE SIGNED: 05/28/2019

Total Attachments: 3

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PATENT 505496373 REEL: 049296 FRAME: 0410

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

WHEREAS, I/we,

- 1. Charles P. Venditti, an employee/employees of the National Human Genome Research Institute: and
- 2. Randy J. Chandler, an employee/employees of the National Human Genome Research Institute.

each a/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:

1. U.S. Application Serial No. 14/773,885 ___, filed on Sept. 9, 2015, which is a U.S. national stage application corresponding to PCT Patent Application No. PCT/US2014/028045, filed on 3/14/2014, which claims priority to U.S. Provisional Application Serial No. 61/792,081, filed 3/15/2013, and which is entitled "SYNTHETIC METHYLMALONYL-COA MUTASE TRANSGENE FOR THE TREATMENT OF MUT CLASS METHYLMALONIC ACIDEMIA (MMA)".

all of which are collectively referred to as "The Patent Application(s)"

WHEREAS, I/we are the inventor(s) named in The Patent Application(s); and

WHEREAS, the inventions described and claimed in The Patent Application(s) 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 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(s)**; and

NOW, THEREFORE, having the legal obligation to assign my/our right, title and interest in the inventions described and claimed in **The Patent Application(s)** 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, I/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 Applications** 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(s)** including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

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all applications for Letters Patent(s) that may be filed for any and all inventions described and claimed in **The Patent Application(s)** 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.

I/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 papelication 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.

Assignor hereby authorizes and requests Swanson and Bratschun, L.L.C. to insert herein above the application serial number and filing date of said application when known.

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

Inventor	
8.76	15 Charles P. Vendoth
Ð	e Charles P Vendigity/County of
	State of Maryland Subscribed and sworn to before me
County of	Montgomery this 25th day of August 201
	Ss: by Charlet Paul, Venditte
State of	dea in the Notary Public
	My commission express continues of a fill the same
S	scribed and Sworn to before me this 26 day of <u>August</u> 2015.
	TARY PUBLISHED
[Seal]	COMMISSION OF CYCLOSTILLA
TO EXPIRE OBLIGIO	Notary Public for More County
	My Commission Expires: 06/19/20/8

Inventor 2:	
8/11/2015 Rand	Gándy J. Chandler
County of 14 out goinery Ss:	
State of May and	A A A A A A A A A A A A A A A A A A A
Subscribed and sworm to before me the subscribed and sworm to be subscribed and subscribed	Notary Public for Theologomes Combi My Commission Expires: 06/19/2018

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PATENT REEL: 049296 FRAME: 0413

RECORDED: 05/28/2019