## 505423958 04/11/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
RICHARD THOMAS LEWIS	11/01/2016
PHILIP JONES	11/01/2016
ALESSIA PETROCCHI	11/01/2016
NAPHTALI REYNA	11/01/2016
MATTHEW HAMILTON	11/01/2016
MICHAEL J. SOTH	11/01/2016
TIMOTHY HEFFERNAN	11/23/2016
MICHELLE HAN	11/01/2016
JASON BURKE	01/11/2017

## **RECEIVING PARTY DATA**

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State/Country:	TEXAS
Postal Code:	78701

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16152901

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: MDA0016-201D1-US

NAME OF SUBMITTER: DENNIS A. BENNETT

PATENT 505423958 REEL: 048864 FRAME: 0813

/Dennis A. Bennett/	
04/11/2019	
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PATENT REEL: 048864 FRAME: 0814

#### ASSIGNMENT

We, Richard Thomas LEWIS of 5110 Beekman Dr., Missouri City, TX 77459, a citizen of United Kingdom, Philip JONES, of 2727 Carolina Way, Houston, TX 77005, a citizen of United Kingdom, Alessia PETROCCHI of 1733 Bolsover Street, Houston TX 77005, a citizen of Italy, Naphtali REYNA of 407 Durham Dr., Arlington TX 76014, a citizen of United State, Matthew HAMILTON of 8810 Tangier Turn, Missouri City, TX 77459, a citizen of United States, Michael J. SOTH of 18 Thetford Street, Sugar Land, TX 77479, a citizen of United States, Timothy HEFFERNAN of 6334 Windermere Park Ln., Sugar Land TX 77479, a citizen of United States, Michael HAN of 7009 Almeda Rd., Apt. 1030, Houston, TX 77054, a citizen of United States, and Jason P. BURKE of 4301 Hazelton St., Houston, TX 77054 have invented GLS1 INHIBITORS FOR TREATING DISEASE. This is an Assignment of the following rights, title and interest (check all that apply):

United States of America rights, title and interest in the	he invention
Foreign rights, title and interest in the invention	
An application to the Commissioner for Patents of	the United States of America filed
herewith	
United States Provisional Patent Application Serial N	To. filed on .
United States Patent Application Serial No. 15/199,10	00 filed on June 30, 2016
United States Patent No(s).	•
International (PCT) Patent Application Serial No.	filed on
Other (specify):	

We were employed by The University of Texas M. D. Anderson Cancer, a State Institution of Higher Education established under the laws of the State of Texas within The University of Texas System, at the time the invention was made. The conditions under which said invention was made are such that the Board of Regents, The University of Texas System (hereinafter SYSTEM), having a place of business at 201 West 7<sup>th</sup> St., Austin, TX 78701, owns the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to SYSTEM, and successors and assigns, our full and exclusive right, title and interest in and to the invention(s) disclosed in said application throughout the world, including the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in said application. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We have authorized SYSTEM to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. SYSTEM has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on

PATENT REEL: 048864 FRAME: 0815 its behalf. We authorize and request the issuance of said Letters Patent to SYSTEM, as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We grant SYSTEM, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment. We shall not communicate nor cooperate in any manner with any third party, other than SYSTEM, that claims any rights in and to said invention(s) and said application.

We also hereby assign all rights, title and interest to any improvements related to said invention(s) to SYSTEM and agree to promptly and fully communicate to SYSTEM any facts and information known to us respecting any improvements related to said invention(s) and said application while any patent application anywhere in the world is still pending that claims priority, whether directly or indirectly, from said invention(s) or said application(s). We will maintain any such facts and information in confidence and will only reveal such facts and information to SYSTEM or its assigns.

We also covenant that we will communicate to SYSTEM, its representatives, assigns or agents, any facts known to us respecting said invention(s) or said application(s), and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid SYSTEM and its assigns to obtain and enforce proper patent protection for said invention(s) or said application(s) in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

We grant SYSTEM, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

meritally	
Dated:	
STATE OF	Richard Thomas LEWIS
COUNTY OF	) ss. )
Thomas LEWIS who executed	2016, before me personally came the above-named Richard the foregoing Assignment in my presence, and who ecuted under that person's own free will for the purposes set
8 YVONNE LOFTIN  ACADA Notory Public, Store of lexics	Notary Public for 12/42/
SEAL March 30, 2019	My commission expires: 3-20-2019
WONER REMORE BOND	
IN TESTIMONY WHEREOF, Assi	gnors have signed their names on the dates indicated.
STATE OF TANA	Philip JONES
COUNTY OF Andre	) ss. )
	2016, before me personally came the above-named Philip
JONES, who executed the foregoing that it was executed under that perso	g Assignment in my presence, and who acknowledged to me n's own free will for the purposes set forth therein.
p	5/har/hh
VELVE 9 ANORAE (OLD)	Notary Public for // T. #XXX
SEATS Notary Public. State of Texas My Commission Expires March 50, 2019	My commission expires:

NOTABY WITHOUT SOND

	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
IN TESTIMONY WHEREOF, Assignors	have signed their names on the dates indicated.
	1
Dated: 7/40 1 20/4	Land Super S
STATE OF TAXA	Matthew HAMILTON
, 55	
COUNTY OF SS.	
This day of 700 2016	, before me personally came the above-named Matthew
HAMILTON, who executed the foregoing	g Assignment in my presence, and who acknowledged
to me that it was executed under that person	on's own free will for the purposes set forth therein.
	- A //
8 YVONNE LOFTIN	Notary Public for Than
Notary Public, State of Yexos  My Commission Expires  SEAT March 36, 2019	Notary Purple for
SEALT March 36, 2019	My commission expires: <u>う ろの マガイタ</u>
WOMBA WILHORI, BOND	
20 20 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10	**************************************
IN TESTIMONY WHEREOF Assignors	have signed their names on the dates indicated.
	nave signed their names on the dates material.
Datade mary / mass	1 A A
Dated:	,
STATE OF	Michael J. SOTH
32 /	
COUNTY OF Lans	
This   6 day of 700 2016.	
•	before me personally came the above-named Michael
J. SOTH, who executed the foregoing Assi	ignment in my presence, and who acknowledged to me
that it was executed under that person's ow	n free will for the purposes set forth therein.
	A/A $A/A$
8 YVONNE LOFTIN	Notary Public for TLAKA
Notary Public, State of Texas	· //
<b>[SEAL]</b>	My commission expires: <u>う &gt;0 &gt;0/9</u>
NOTARY WITHOUT BOND	

r names on the dates indicated.
hy HEFFERNAN
onally came the above-named Timothy
my presence, and who acknowledge
for the purposes set forth therein.
167 LIJS
for 7)
m expires:
names on the dates indicated.
alella
le HAN
nally came the above-named Michelle
sence, and who acknowledged to me
purposes set forth therein.
au 124
for J.P.J.,
n expires: <u>3 30 20/9</u>

IN TESTIMONY WHEREOF, Assignors ha	ave signed their names on the dates indicated,
Dated: 11 23/16	- Jak ( ) & X ( )
STATE OF Massachusetts	Timothy HEFFERNAN
COUNTY OF Middlesex	
HEFFERNAN, who executed the foregoing	before me personally came the above-named Timothy Assignment in my presence, and who acknowledged 's own free will for the purposes set forth therein.
Krysta E. Kincald  Notary Public, Commonwealth of Massachusells  My Commission Expires October 21, 2022	Notary Public for Massachusetts  My commission expires: October 21, 2016-2022
IN TESTIMONY WHEREOF, Assignors ha	ave signed their names on the dates indicated.
Dated:	
STATE OF)	Michelle HAN
COUNTY OF	
	perfore me personally came the above-named Michelle ment in my presence, and who acknowledged to me a free will for the purposes set forth therein.
	Notary Public for
[SEAL]	My commission expires:

Dated: <u>San. 11, 2017</u>	
STATE OF TAKES	Jason BÜRKE
COUNTY OF Acris	
BURKE, who executed the foregoing A	2016, before me personally came the above-named Jason assignment in my presence, and who acknowledged to me own free will for the purposes set forth therein.
	Notary Public for Tenal
B VVONNE LOPTIN  Notory Public, State of Texas  NAY CONNESS SACRES SO 27518	My commission expires: 3 30 2019

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

NOTARY WITHOUT SOND