506194500 08/07/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIP JONES	06/15/2017
BARBARA CZAKO	06/15/2017
JASON CROSS	06/15/2017
PAUL LEONARD	06/15/2017
FAIKA MSEEH	06/15/2017
CONNOR AUSTIN PARKER	06/15/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16270333

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NAME OF SUBMITTER: YAOHUA DONG/

SIGNATURE: /Yaohua Dong/

DATE SIGNED: 08/07/2020

PATENT 506194500 REEL: 053437 FRAME: 0793

Total Attachments: 5 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif source=assignment#page5.tif

PATENT REEL: 053437 FRAME: 0794

ASSIGNMENT

We, Philip JONES, of 2727 Carolina Way, Houston, TX 77005, a citizen of the United Kingdom, Barbara CZAKO, of 4332 Betty Street, Bellaire, TX 77401, a citizen of the United States, Jason CROSS, of 2821 Moss Lake Ln., Pearland, TX 77854, a citizen of the United States, Paul LEONARD, of 7490 Brompton Street, Apt 147, Houston, TX 77025, a citizen of the United Kingdom, Faika MSEEH, of 1454 Malagueta Court, Shenandoah, TX 77384, a citizen of the United States, and Connor Austin PARKER, of 7373 Ardmore St 1390, Houston, TX 77054, a citizen of the United States, have invented **HETEROCYCLIC INHIBITORS OF PTPN11**. 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 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 Nos. 62/343,455 filed on 05/31/2016
and 62/451,432 filed on 01/27/2017
United States Patent Application Serial No. 15/607,174 filed on 05/26/2017
United States Patent No(s).
International (PCT) Patent Application Serial No. PCT/US2017/034806 filed on
05/26/2017
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 7th 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 its behalf. We authorize and request the issuance of said Letters Patent to SYSTEM, as assignee

PATENT REEL: 053437 FRAME: 0795 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, Assig	nors have signed their names on the dates indicated.
Dated: 6.75.2017	Duy
STATE OF The same	Philip JONES
COUNTY OF Algorithm	SS.
This /5 day of Jones, who executed the foregoing that it was executed under that person	20/7 before me personally came the above-named Phili Assignment in my presence, and who acknowledged to must own free will for the purposes set forth therein.
8 YYONNE LOSSIN BOONY PUBIC. STOTE OF TEXAS	Notary Public for Taga
SEAL) Moron 30, 2019 MORAPY WITHOUT BOND	My commission expires: <u> </u>
Dated: <u>0 15 2017</u>	nors have signed their names on the dates indicated.
STATE OF Tekan	Barbara CZAKO
COUNTY OF Algres	
CZAKO, who executed the foregoing	20/7 before me personally came the above-named Barbara Assignment in my presence, and who acknowledged to me sown free will for the purposes set forth therein.
B YVONNE LOFTIN NOTORY PUBLIC. STOTE OF TOKOS NO CONSTRUCTOR EXPRES STOTE NO. 2019 NOTARY WITHOUT SOND	Notary Public for

in individual william, Assign	J PR
Dated:	Clean Can
STATE OF	Jason CROSS
COUNTY OF Arcis	ss.
This I day of June CROSS, who executed the foregoing	20/7, before me personally came the above-named Jasor Assignment in my presence, and who acknowledged to me
that it was executed under that person'	s own free will for the purposes set forth therein.
8 YVONNE LOFTIN Notory Public. State of Texas My Commission Expires [SEAL] March 30, 2019	Notary Public for
NOSVEA MIHORI BOND	
IN TESTIMONY WHEREOF, Assign Dated:	ors have signed their names on the dates indicated.
STATE OF	Paul LEONARD
COUNTY OF Alaris s	S.
This / Jday of Trans	20 [107] - 6
LEONARD, who executed the foregoing	20/

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.		
Dated: 6-/5-20/7		
STATE OF Tender	Faika MSEEH	
COUNTY OF Man) ss	•	
This /5 day of Java	20before me personally came the above-named Faika	
that it was executed under that person's	ssignment in my presence, and who acknowledged to me own free will for the purposes set forth therein.	
Annumental RANGWAR TOESTA	- 1940m/rel	
Notory Public Stone Expires Morch 30, 2019	Notary Public for The Control of the Notary Public for The Control of the Notary Public for The Notary Public	
[SEAL]	My commission expires: 3 30 20/9	
IN TESTIMONY WHEREOF, Assignor Dated:	rs have signed their names on the dates indicated.	
COUNTY OF STATE OF ST	Connor Austin PARKER	
Austin PARKER, who executed the	/Z, before me personally came the above-named Connor foregoing Assignment in my presence, and who d under that person's own free will for the purposes set	
E PYONNE LOFTEN REPONNE LOFTEN NOTON PUBLIC, SIGNO OF RENCE MOTOR SOLOTORS SOLOTORS MOTOR SOLOTORS SONO ROTARY WITHOUT SONO	Notary Public for Texas My commission expires: 3.2019	