505609680 08/07/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LEROY TOWNSEND	09/27/2016
JOHN C. DRACH	09/29/2016

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
Street Address:	1600 HURON PKWY., BUILDING 520, 2ND FLOOR
City:	ANN ARBOR
State/Country:	MICHIGAN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16533194

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	CHIM-830C03US 301983-2480
NAME OF SUBMITTER:	HEIDI A. ERLACHER
SIGNATURE:	/Heidi A. Erlacher/
DATE SIGNED:	08/07/2019

Total Attachments: 3

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PATENT 505609680 REEL: 049984 FRAME: 0378

ASSIGNMENT

Serial No: 15/231,528

Filed: August 8, 2016

Scrial No:

PCT/US2016/046056

Filed: August 8, 2016

Title:

PYRROLOFYRIMIDINE NUCLEOSIDES AND ANALOGS THEREOF

For good and valuable consideration, the receipt and sufficiency of which are bereby agreed, each of the undersigned hereby assigns to THE RECENTS OF THE UNIVERSITY OF MICHIGAN. Office of Technology Transfer, 1600 Human Parkway, 2nd Floor, Ann Arbor, Michigan 48109-2590 and its successors and assigns ("Assignee") the entire right, title and interest in and to the patent rights of such undersigned disclosed in the applications listed above, and in any and all applications claiming priority thereto, including any continuation, continuation-in-part, divisional, re-examination, reissue or prolongation thereof, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said patent rights, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Fach of the undersigned authorizes the attorneys of record in the application listed above to insert in this assignment the filing date and application number of the application listed above when officially known.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or hemelf to be the original inventor or an original joint inventor of a claimed patent rights in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned.

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Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said patent rights, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, title and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, title and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Tara Hartman

On behall of Assignee,	t at a rate return
	Name
	Associate General Counsel
	Title
hereby confirms Assignee's	cceptance of all rights, privileges, title and interests conveyed by this assignment.
	Citatory 10, 2014
	Signature Date
Date:21 September.	2016 Signature: Leroy Tolynsend

Date:	Signature: John Drach

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said patent rights, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, title and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, title and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

On behalf of Assignee,	Tara Hartman		
	Name		pages.
	Associate General Counse	1	
	Title		~ ~.
hereby confirms Assignee's a	screptance of all rights, privileges, title an	d interests conveyed by this assignment.	
		October 10,20	Iφ
	Signature	Date	
Date:	Signature:		
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Date: <u>9/29/20/</u>	Signature:	() had	
	John Drach		
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