505936178 02/26/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5982898

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN MALONA	06/08/2018
ALEXANDER L. RUCHELMAN	04/30/2018

RECEIVING PARTY DATA

Name:	CELGENE CAR LLC
Street Address:	AON HOUSE
Internal Address:	30 WOODBOURNE AVENUE
City:	PEMBROKE
State/Country:	BERMUDA
Postal Code:	HM 08

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16494722

CORRESPONDENCE DATA

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Correspondent Name: CHOATE HALL & STEWART LLP-PATENT DOCKET

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ATTORNEY DOCKET NUMBER:	2007878-0817
NAME OF SUBMITTER:	NICHOLAS J. PACE
SIGNATURE:	/Nicholas J. Pace/
DATE SIGNED:	02/26/2020

Total Attachments: 7

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> PATENT REEL: 051935 FRAME: 0431

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> PATENT REEL: 051935 FRAME: 0432

Docket Number: 2007878-0818

COMBINED JOINT ASSIGNMENT & DECLARATION

A. ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State
1. John Malona	Brookline, Massachusetts
2. Alexander L. Ruchelman	Cream Ridge, New Jersey

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

9,10,11,12-TETRAHYDRO-8H-[1,4]DIAZEPINO[5',6':4,5]THIENO[3,2-F]QUINOLIN-8-ONE COMPOUNDS AND USES THEREOF; and

e manage.	epared for filing in the United Sta		rademark Office; or	
filed in the U	ntified by United States Applicat nited States Patent and Trademark	ion Serial No Office on		; and
x ide	ntified by International Patent Ap March 15, 2018	plication No.	PCT/US2018/022548	0: 6: 0::::::::::::::::::::::::::::::::
x an	d is also aware of the following p	riority applicatio	ons:	
	Serial No.	***************************************	Filed]
	62/472,027	Maro	ch 16, 2017	7

WHEREAS, Celgene CAR LLC (hereinafter "ASSIGNEE"), having a usual place of business at AON House, 30 Woodbourne Avenue, Pembroke HM 08, BERMUDA, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, each of us has sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above,

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including any right of priority thereto; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. Our sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by each of us had this sale, assignment and transfer not been made;

AND, each of us hereby acknowledges that this Assignment, being of our entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, each of us hereby further agrees for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts we know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, each of us further hereby authorizes ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, each of us hereby appoints ASSIGNEE as our common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, each of us hereby requests the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

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AND, each of us covenants with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

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B. <u>DECLARATION (37 CFR 1.63)</u>

As below named inventors, we hereby declare that:

This declaration is directed to the patent application entitled:

9,10,11,12-TETRAHYDRO-8H-[1,4]DIAZEPINO[5',6':4,5]THIENO[3,2-F]QUINOLIN-8-ONE COMPOUNDS AND USES THEREOF; and

Office; or	attached hereto or prepared for filing in the United S	tates Patent and Trademark
filed in the	identified by United States Application Serial No. United States Patent and Trademark Office on	; or
filed on	identified by International Patent Application No. March 15, 2018	PCT/US2018/022548

The above-identified application was made or authorized to be made by us.

We believe that we are each an original joint inventor of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the application, including the claims and are aware of the duty to disclose to the United States Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR 1.56.

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SIG	NED this	day of	June 1	. 2018	
					weets
			John Malon	3	
STATE OF	Massa dase	<u>H2</u>			
COUNTY OF	S.14/K	SS.			
Before me this	& day of		, 2018 ,		
	John Malona		and proved t		
signed on the p	ntity which was	document,	and acknowledg	the the person the that the the that the the that the the the the the the the the the th	whose name is executed the
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SIGI	NED this 30 th	day of	April	, 2018		
			Alis	I fah	<u>C.</u>	
			Alexand	er L. Rucl	relman	
STATE OF	N Z	SS				
COUNTY OF	Union			1.49		
Before me this	30 day of	1-01	, 2018	, persona	ılly appeared	
Alexa	ınder L. Ruchelm	an	, and prov	ed to me th	rough satisfactory	
signed on the pr		d document,	and acknow	ledged that	person whose name is he/she executed the	
		NOT	ARY PUBL	1C 2 <i>UN</i>	Chedian	
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		Му (Commission	Expires:	5/22/2022	

MICHELE Y. MAURER NOTARY PUBLIC OF NEW JERSEY Comm. # 50062720 My Commission Expires 8/22/2022

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The undersigned ((whose title is supplied below) is authorized to ac	ct on beh	nalf of Celgene
CAR LLC			-
Signature:		Date:	<u> May 4, 2018</u> .
Name (printed):	Kevin Mello	÷.	1.
Title (printed):	Director		

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