505081419 09/06/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANTONIO CHRISTIAN FERRETTI	09/16/2015
LIANFENG HUANG	09/23/2015
YING LI	09/18/2015
JOHN TRAVERSE	09/16/2015
JEAN XU	09/18/2015
KELVIN HIN-YEONG YONG	09/24/2015
DAOZHONG ZOU	09/17/2015

RECEIVING PARTY DATA

Name:	CELGENE AVILOMICS RESEARCH, INC.	
Street Address:	200 CAMBRIDGE PARK DRIVE	
Internal Address:	SUITE 3000	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02140	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16009080

CORRESPONDENCE DATA

(617)502-5002 Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 617-248-5000

Email: PatentDocket@choate.com

CHOATE HALL & STEWART LLP-PATENT DOCKET **Correspondent Name:**

Address Line 1: TWO INTERNATIONAL PLACE

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	2007878-0945
NAME OF SUBMITTER:	KRISTEN BUTEAU
SIGNATURE:	/Kristen Buteau/

PATENT REEL: 046805 FRAME: 0909

505081419

DATE SIGNED:	09/06/2018	
Total Attachments: 11		
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PATENT REEL: 046805 FRAME: 0910

Docket Number: 2007878-0572

COMBINED JOINT ASSIGNMENT & DECLARATION

A. <u>ASSIGNMENT</u>

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

Inventor Name	City, State
1. Antonio Christian Ferretti	Summit, New Jersey
2. Lianfeng Huang	Basking Ridge, New Jersey
3. Ying Li	Millburn, New Jersey
4. John Traverse	Lebanon, New Jersey
5. Jean Xu	Warren, New Jersey
6. Kelvin Hin-Yeong Yong	Westfield, New Jersey
7. Daozhong Zou	Raritan, 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:

]	FORMS AND COMPOSITION	ONS OF AN ERK I	NHIBITOR; and
r	prepared for filing in the Unite	d States Patent and T	rademark Office; or
	dentified by United States App United States Patent and Trade		; and
x id	dentified by International Pater August 12, 2015	nt Application No.	PCT/US2015/044783
x a	and is also aware of the follow	ing priority application	ons:
	Serial No.		Filed
	62/037.066	Aug	ust 13, 2014

WHEREAS, Celgene Avilomics Research, Inc. (hereinafter "ASSIGNEE"), having a usual place of business at 45 Wiggins Avenue, Bedford, Massachusetts 01730, 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

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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, 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;

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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;

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:

FORMS AND COMPOSITIONS OF AN ERK INHIBITOR; and

at Office; or	ttached hereto or prepared for filing in the United S	states Patent and Trademark
	dentified by United States Application Serial No. United States Patent and Trademark Office on	; or
x i	dentified by International Patent Application No. August 12, 2015 .	PCT/US2015/044783
TPI I		4- 1 4- 1

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

We believe that we are the original joint inventors 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	SFPT EMB!	Christian Ferretti	
STATE OF	NJ				
COUNTY OF	NNION	SS.			
	day of io Christian Ferre		, and prove	, personally appeared ed to me through satisfactory to be the person whose name is	s
signed on the pr		d document,	and acknowle	edged that he/she executed the	
		NOT	ARY PUBLI	С	
		Name My C	e:Commission I	James Mange	<u>w</u>
				MAUREEN MANSON Notary Public State of New Jersey My Commission Expires Sep 16, 2020	7

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SIGNED this 23rd day of September, 2015
Lianfeng Huang
STATE OF SS. COUNTY OF Ss. Before me this 3 day of Lianfeng Huang and proved to me through satisfactory evidence of identity which was signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. NOTARY PUBLIC
Name: Maureen Manson Notary Public State of New Jersey My Commission Expires Sep 16, 2020

SIGN	ED this 18	day of Soplember, 20 15
	a	Ying Li
STATE OF _	New J	x5°27
COUNTY OF	Union	
Before me this	18 day of Ying Li	, and proved to me through satisfactory
	tity which was eceding or attache	to be the person whose name is document, and acknowledged that he/she executed the for the purposes set forth.
		NOTARY PUBLIC
		Name:

SIGNED this 16 day of September 15
Jøhn Traverse
STATE OF
COUNTY OF Union SS.
Before me this
evidence of identity which was
NOTARY PUBLIC
Name: Mounter Monoon My Commission Expires:
MAUREEN MANSON Notary Public State of New Jersey My Commission Expires Sep 16, 2020
Before me this

Page 8 of 11

SIGNED this 18th day of September 20 15
Jean Xu
STATE OF New Svey
COUNTY OF UNITY OF
Before me this That day of September 2015, personally appeared
yidence of identity which was
NOTARY PUBLIC
Name:Monsor My Commission Expires:
MALIFEEN MANSON
Motery Public State of New Jersey My Commission Expires Sep 16, 2020

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SIGN	ED this <u>24</u>	day of \	` \Ytonbu	<u>~20 /</u>	y ng min
			Kelvin Hin	-Yeon	g Yong
STATE OF	ness	4504	,	·	
COUNTY OF	Union	<u>\\$</u> \$.			
Before me this	24 day of	Septemb	20/5,	 person	ally appeared
***************	ı Hin-Yeong Yo	<u>ıg</u> ,	and proved	to me	through satisfactory
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		Name: My Co	mmission Ex	···········	nen Mason
					MAUREEN MANSON Notary Public State of New Jersey My Commission Expires Sep 16, 2020

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SIGNED this 17th day of September, 2015
<u>Ograna</u>
Daozhong Zou
STATE OF
COUNTY OF UNION SS.
Before me this 17 day of Septemby . 20/5, personally appeared
evidence of identity which was figure and proved to me through satisfactory evidence of identity which was figure and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.
NOTARY PUBLIC
Name: <u>////////////////////////////////////</u>
MAUGEEN WANSON WHITE WANSON State of City City Control My Commission Explication

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