504643829 11/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4690550

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
ANDREW KOFF		09/06/2016
AIMEE CRAGO		10/10/2016
DAVID LIU		10/14/2017
MARTA KOVATCHEVA		09/06/2016
SAMUEL SINGER		05/01/2017
GARY K. SCHWARTZ		01/25/2017
MARK A. DICKSON		09/21/2016
MARY ELIZABETH KLEIN		09/06/2016

RECEIVING PARTY DATA

Name:	MEMORIAL SLOAN-KETTERING CANCER CENTER
Street Address:	1275 YORK AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10021

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	14884329
Application Number:	61893755
Application Number:	61812412
PCT Number:	US2014034399

CORRESPONDENCE DATA

Fax Number:	(212)408-2501
	to the e-mail address first; if that is unsuccessful, it will be sent ed; if that is unsuccessful, it will be sent via US Mail.
Phone:	(212) 408-2500
Email:	nycdocket@bakerbotts.com
Correspondent Name:	BAKER BOTTS L.L.P.
Address Line 1:	30 ROCKEFELLER PLAZA
Address Line 2:	44TH FLOOR
Address Line 4:	NEW YORK, NEW YORK 10112

ATTORNEY DOCKET NUMBER:	072734.0331
NAME OF SUBMITTER:	CHANELLE ROGERS
SIGNATURE:	/Chanelle Rogers/
DATE SIGNED:	11/15/2017
Total Attachments: 29	·
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WORLDWIDE ASSIGNMENT

WHEREAS, we, Andrew Koff, a citizen of the United States, and whose post office address is 593 Kathleen Place, Westbury, New York 11590; Aimee Crago, a citizen of the United States, and whose post office address is 430 East 63rd Street, Apt. 51, New York, New York 10065; David Liu, a citizen of the United States, and whose post office address is 7419 43rd Avenue, Apt. 2, Elmhurst, New York 11373; Marta Kovatcheva, a citizen of Canada, and whose post office address 1233 York Avenue, Apt. 14g2, New York, New York 10065; Samuel Singer, a citizen of the United States, and whose post office address is 515 East 72nd Street, Apt. 8b, New York, New York 10021; Gary K. Schwartz, A citizen of the United States, and whose post office address is 630 West 168th Street, New York, New York 10032; Mark A. Dickson, a citizen of the United States, and whose post office address is 21 East 1st Street, Apt. 1202, New York, New York 10003; and Mary Elizabeth Klein, a citizen of the United States, and whose post office address is 1233 York Avenue, Apt. 11E, New York, New York 10065 (hereinafter referred to as "ASSIGNORS"), invented a new invention as disclosed in a patent application entitled "COMPANION DIAGNOSTIC FOR CDK4 INHIBITORS" identified by Attorney Docket No.: 072734.0331; which;

- is being filed concurrently with the recordation of this Assignment.
- the Provisional Application was filed on <u>October 21, 2013</u> as Application No. <u>61/893,755;</u>

the Provisional Application was filed on April 16, 2013 as Application No. 61/812,412

- the NonProvisional Application was filed on <u>October 15, 2015</u> as Application No. <u>14/884,329;</u>
- the PCT Application was filed on <u>April 16, 2014</u> as Application No. <u>PCT/US2014/034399</u>;

WHEREAS, **MEMORIAL SLOAN-KETTERING CANCER CENTER**, a 501(c)(3) corporation organized and existing under the laws of the State of New York, having its principal place of business at 1275 York Avenue, New York, New York 10021 (hereinafter referred to as "ASSIGNEE"), is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors,

- 1 -

legal representatives and assigns, the entire right, title and interest in, to and under said invention and said United States provisional application or said application for United States Letters Patent, as the case may be, and said invention in all applications claiming priority thereto or converted therefrom, and all divisions, renewals, continuations and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said applications above under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof:

A SSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

ASSIGNORS hereby covenant and agree that ASSIGNORS have full right to convey the entire right, title and interest herein assigned, that such right, title and interest is unencumbered, and that ASSIGNORS have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNORS further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, legal representatives and assigns;

ASSIGNORS further covenant and agree that ASSIGNORS will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,

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- 2 -

continuing, reissue, reexamination, foreign applications or other such Letters Patent, make all rightful oaths, and generally do everything possible to aid ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

ASSIGNORS hereby authorize ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

IN WITNESS WHEREOF, I have hereunt September, 2016	to set my hand and seal this 6 day of
Andrew Koff	
Witness:	[signature]
Marta Karatchen	[name]
Witness: Mary Kles Mary Klein	[signature]
Mary Klein	[name]

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this $\frac{10^{+10}}{10^{-10}}$ day of October, 2016.
Aimee Crago M
Witness: Ranette OSampson [signature] RANEHZO SAMPSON [name]
Witness: Monica Zrizery Kamiren [signature]

1000000000000000000000000000000000000	ITNESS W	HEREOF , I ha	ive hereunto set m	iy hand and seal this $\frac{1}{2}$	⊻_ day of
		Day	vid Liu		
Witness:	David	<u>Lin</u>	[sign [nai	nature] ne]	
Witness:			[sign	ature]	
			[nan	ne]	

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 201__.

Marta Kovatcheva

Witness:_____[signature]

[name]

Witness:_____[signature]

[name]

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this day of May , 2017.
Witness: Knystal Hasan [signature] [name]
Witness: Maricela Ortiz [name]

IN WITNESS WHEREOF, I have hereun January, 2017. Gary K. Sch	Achur
Witness: Enur Pronument	[signature] [name]
Witness: Adj Fayangi Gail Fayangu	[signature] [name]
	PHYLLIS ALMONTE PHYLLIS ALMONTE Notary Public - State of New York NO. 01AL6293410 Qualified in Rockland County My Commission Expires Dec 9, 2017

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PATENT REEL: 044456 FRAME: 0458

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this day o, 201			
	Mark A. Dickson		
Witness:	[signature] [name]		
Witness:	[signature] [name]		

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	witness v ber		eunto set my hand and seal this	6 day of
		Mon	* 11/05	
			hbeth Klein	
N/terrary	M.	And the second s	Λ	
Witness:	00.01.		[signature]	
1	Marta	trattere	[name]	
Witness:			[signature]	
K	NARE	1 COFF	[name]	

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- 10 -

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WHEREAS, MEMORIAL SLOAN-KETTERING CANCER CENTER, a 501(c)(3) corporation organized and existing under the laws of the State of New York, having its principal place of business at 1275 York Avenue, New York, New York 10021 (hereinafter referred to as "ASSIGNEE"), is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

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legal representatives and assigns, the entire right, title and interest in, to and under said invention and said United States provisional application or said application for United States Letters Patent, as the case may be, and said invention in all applications claiming priority thereto or converted therefrom, and all divisions, renewals, continuations and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said applications above under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof:

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ASSIGNORS hereby authorize ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 201___.

	Andrew Koff
Witness:	[signature]
	[name]
Witness:	[signature]
	[name]

IN WITNESS	WHEREOF, I have hereunto , 201	o set my hand and scal this	day of
	David Liu		kand baar oo ah
Witness:		{signature}	
		[name]	
Witness:		[signature]	
		[name]	

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 6 day of September 2016.
Marta Kovatcheva
Witness:[signature] A[name]

Witness: Monf Kle. [signature] Mary Klein [name]

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 201___.

Samuel	Singer
--------	--------

Witness:_____[signature]

_____(name]

Witness:_____[signature]

_____(name)

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 201__.

Gary K. Schwartz

Witness:_____[signature]

_____[name]

Witness: [signature]

_____[name]

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 201___.

Mark A. Dickson

Witness:_____[signature]

[name]

Witness:_____[signature]

[name]

IN WITNESS WHEREOF, I have hereunto set my hand and seal this day of, 201		ay of
	Mary Elizabeth Klein	
Witness:	[signature] [name]	
Witness:	[signature] [name]	

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IN WITNESS	WHEREOF. I hav	/e hereunto se	et my hand	and seal th	is	day (of
	, 201						

	Andrew Koff
Witness:	[signature] [name]
Witness:	[signature] [name]

	WHEREOF, I have hereunto set my hand and seal this day of, 201
	Aimee Crago
Witness:	[signature]
Witness:	[signature]

IN WITNESS WHEREOF, 201, 201,	, I have hereunto set my hand and seal this day of
	David Liu
Witness:	[signature] [name]
Witness:	[signature] [name]

	WHEREOF, I have hereunto set my hand and seal this day of, 201
	Marta Kovatcheva
Witness:	[signature] (name)
Witness:	[signature] [name]

IN WITNESS V	WHEREOF, I have hereunto set my hand and seal this, 201	day of
	Samuel Singer	
Witness:	[signature]	
	[name]	
Witness:	[signature]	
	[name]	

IN WITNESS	WHEREOF, I have hereunto set my hand and seal this day of, 201
	Gary K. Schwartz
Witness:	[signature]
Witness:	[signature]

	·····	
September, 2016.	_	
Mn	h Linham	
Mark A. Dickson		
Witness:	_[signature]	
VICTORIA Gross	[name]	
Witness	[signature]	
Bigh Dunbar	[name]	

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2/ day of

	WHEREOF, I have hereunto set my hand and seal this, 201	day of
	Mary Elizabeth Klein	
Witness:	[signature]	
Witness:	[signature]	

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RECORDED: 11/15/2017