PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHELLEY ALLEN	06/27/2012
STEVEN W. ANDREWS	06/25/2012
JAMES F. BLAKE	06/28/2012
KEVIN R. CONDROSKI	06/26/2012
JULIA HAAS	06/22/2012
LILY HUANG	06/26/2012
YUTONG JIANG	06/22/2012
TIMOTHY KERCHER	06/26/2012
GABRIELLE R. KOLAKOWSKI	06/25/2012
JEONGBEOB SEO	06/26/2012

RECEIVING PARTY DATA

Name:	ARRAY BIOPHARMA INC.
Street Address:	3200 WALNUT STREET
City:	BOULDER
State/Country:	COLORADO
Postal Code:	80301

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15839706

CORRESPONDENCE DATA

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.

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ATTORNEY DOCKET NUMBER: 02020.086US3

505340402 REEL: 048402 FRAME: 0458

PATENT

NAME OF SUBMITTER:	ASHLEY PALBICKI		
SIGNATURE:	/Ashley Palbicki/		
DATE SIGNED:	02/21/2019		
Total Attachments: 12			
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PATENT REEL: 048402 FRAME: 0459

ASSIGNMENT

WHEREAS, we, ALLEN, Shelley; ANDREWS, Steven W.; BLAKE, James F.; CONDROSKI, Kevin R.; HAAS, Julia; HUANG, Lily; JIANG, Yutong; KERCHER, Timothy; KOLAKOWSKI, Gabrielle R.; SEO, Jeongbeob; have made a certain new and useful invention entitled "Pyrrolidinyl Urea and Pyrrolidinyl Thiourea Compounds as Trk A Kinase Inhibitors", for which International Application No. PCT/US2012/037003 was filed 9 May 2012, claiming priority from U.S. Provisional Application No. 61/485,858 filed 13 May 2011, and for which the United States of America is designated, said application being further identified as Attorney Docket No. 02020.087WO1.

WHEREAS, Array BioPharma, Inc., a corporation organized and existing under the laws of the state of Delaware, having an office and place of business at 3200 Walnut Street, Boulder, Colorado 80301 ("Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and applications, and any Letters Patent to be obtained therefor.

NOW THEREFORE, to all whom it may concern, be it known that for certain good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, 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.

Int'l Appl. No. PCT/US2012/037003

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Assignment

IN TESTIMONY WHER	EOF, I have hereunto set my hand this 27k day of _, 2012.
	Shelley Allen
STATE OF COLORADO)) ss.
COUNTY OF BOULDER)
Allen, known to me to be the perseacknowledged to me that he/she expressed.	in and for said County and State, personally appeared Shelley on whose name is subscribed to the foregoing instrument, and executed the same for the purposes and considerations therein seal of office this
Given under my hand and s	
SUSAN E. ELSBERRY (S Richle)ry Public State of Colorado	Notary Public Man E. E. S.

Int'l Appl. No. PCT/US2012/037003

My Commission Expires October 15, 2015

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Assignment

IN TESTIMONY WHEREOF,	I have hereunto set my hand this 25th day of
STATE OF COLORADO)) ss.
COUNTY OF BOULDER)
W. Andrews, known to me to instrument, and acknowledged considerations therein expressed.	ic in and for said County and State, personally appeared Steven be the person whose name is subscribed to the foregoing to me that he/she executed the same for the purposes and seal of office this
	Notary Public Mucu E-G8
SUSAN E. ELSBERRY N(SIDAL) Public State of Colorado	Notary Public / / Wette C C / O C C C C C C C C C C C C C C C C

Int'l Appl. No. PCT/US2012/037003

My Commission Expires October 15, 2015

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Assignment

	I have hereunto set my hand this 28 day of , 2012.
June	Jemes Ball
	James F. Blake
STATE OF COLORADO)
COUNTY OF BOULDER) ss.)
F. Blake, known to me to be the p and acknowledged to me that he/ therein expressed.	in and for said County and State, personally appeared James erson whose name is subscribed to the foregoing instrument, she executed the same for the purposes and considerations
Given under my hand and se	eal of office this 28 day of June, 2012.
SUSAN E. ELSBERRY (SEAtory Public SIC of Colorado My Commission Expires October 15, 2018	Notary Public Mar G. G. S.

IN TESTIMONY WHEREOF,	, I have hereunto set my hand this <u>Z6</u> day of .2012.
	Zo Ah
	Kevin R. Condroski
STATE OF CONNECTICUT)) ss.
COUNTY OF)
	be the person whose name is subscribed to the foregoing to me that he/she executed the same for the purposes and
Given under my hand and	seal of office this <u>26</u> day of <u>June</u> , 2012.
	Notary Public Manne V. Mable Commission express: 3/31/2017
(SEAL)	commission expired: 3/31/2017

IN TESTIMONY WHEREOF,	I have hereunto set my hand this 22 day of _, 2012.
<i></i>	Julia Hazs
STATE OF COLORADO)) ss.
COUNTY OF BOULDER	,
Haas, known to me to be the personacknowledged to me that he/she expressed.	ic in and for said County and State, personally appeared Julia on whose name is subscribed to the foregoing instrument, and executed the same for the purposes and considerations therein
Given under my hand and s	seal of office this 22 day of June, 2012.
SUSAN E. ELSBERRY (SEALNOTARY Public State of Colorado My Commission Expires October 15.	Notary Public Mart. 6281

IN	TESTIMONY	WHEREOF,	I have _, 2012.	hereunto	set 1	my hand	this	26	day of
					7	Kly (lue	~0	
			Lily H	luang	er.			1	
ST	ATE OF TEXAS	3)						
CO	OUNTY OF	(m)) ss.)						
ack	ang, known to m knowledged to m pressed.	e that he/she ex	on whos xecuted	e name is the same f	subscri for the	bed to the purposes	foregoi and cor	ing instru nsideration	ment, and
	Given under	my hand and s	eal of of	fice this	262	day of	Tu	me,	, <u>2012</u> .
	TE Note	BBI ELAINE HEDGCO ary Public, State of Ti y Commission Expire June 03, 2015	TH exas es	y Public	7		- -/h		,
	(SEAL)		4, N			· ·	*/		

IN TESTIMONY June	WHEREOF,	I have, 2012.	hereunto	set my	hand th	is	day of
		Yuton	g Jiang	<u> </u>			Mesonado '
STATE OF COLC	RADO)) ss.					
COUNTY OF BO	ULDER)					
Jiang, known to macknowledged to rexpressed.		on whose	name is s	ubscribed	to the for	egoing instru	ment, and
Given unde	er my hand and s	eal of off	ice this	2	of	une	, <u>2012</u> .
(SEANState o	E. ELSBERRY ry Public f Colorado spires October 15, 20		Public/	Mia	n G-	Gr	

IN TESTIMONY WHEREOF,	I have hereunto set my hand this <u>26</u> day of
	<u>y</u>
STATE OF COLORADO)) ss.
COUNTY OF BOULDER)
considerations therein expressed.	seal of office this 26 day of June, , 2012.
(SEAL Notary Public State of Colorado	Notary Public Man 6-628

IN 	TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of 300, 2012.	
	Gabri Kolqui	
	Gabrielle R. Kolakowski	
ST	ATE OF COLORADO)	
CO) ss. UNTY OF BOULDER)	
for	Before me, a Notary Public in and for said County and State, personally appeared rielle R. Kolakowski, known to me to be the person whose name is subscribed to the going instrument, and acknowledged to me that he/she executed the same for the purposes considerations therein expressed.	
Given under my hand and seal of office this		
	SUSAN E. ELSBERRY (SNOTORY Public Mun E. Esh. State of Colorado *******	

IN TESTIMONY WHEREOF,	I have hereunto set my hand this day of, 2012.	
	Jeongbeob Seo	
STATE OF COLORADO)	
COUNTY OF BOULDER) ss.)	
Jeongbeob Seo, known to me to instrument, and acknowledged to considerations therein expressed.	be the person whose name is subscribed to the foregoing me that he/she executed the same for the purposes and	
Given under my hand and seal of office this		
(SEAUSAN E. ELSBERRY Notary Public State of Colorado My Commission Expires October 15, 20	Notary Public Muan G. Es	

AGREED TO AND ACCEPTED on this	ASSIGNEE:		
John R Moore Vice President and General Counsel STATE OF COLORADO) ss. COUNTY OF BOULDER Before me, a Notary Public in and for said County and State, personally appeared John R. Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.	AGREED TO AND ACCEI 2012.	PTED on this day of,	
Vice President and General Counsel STATE OF COLORADO) ss. COUNTY OF BOULDER) Before me, a Notary Public in and for said County and State, personally appeared John R. Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.		ARRAY BIOPHARMA INC.	
Vice President and General Counsel STATE OF COLORADO)) ss. COUNTY OF BOULDER) Before me, a Notary Public in and for said County and State, personally appeared John R. Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.		St Rhone	
STATE OF COLORADO)) ss. COUNTY OF BOULDER) Before me, a Notary Public in and for said County and State, personally appeared John R. Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.		* /	
Before me, a Notary Public in and for said County and State, personally appeared John R. Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.		Vige i resident and General Counsel	
Before me, a Notary Public in and for said County and State, personally appeared John R. Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.	STATE OF COLORADO)	
Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.	COUNTY OF BOULDER) ss.)	
Given under my hand and seal of office this 28 day of June, 2012.	Moore, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein		
	Given under my hand and se	al of office this 28 day of June, 2012.	
m T. River		Maria Tara	
SUSAN E. ELSBERRY (SENAPTORY Public State of Colorado *******	(SEMODARY Public	/	

Int'l Appl. No. PCT/US2012/037003

RECORDED: 02/21/2019

My Commission Expires October 15, 2015

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Assignment

PATENT REEL: 048402 FRAME: 0471