505178842 11/07/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alisha B. Arrigo	08/24/2017
Derrick Juengst	08/24/2017
Khalid Shah	08/31/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15872769

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (858) 678-5635 **Email:** apsi@fr.com

Correspondent Name: CRYSTAL L. CULHANE Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 46040-0004004

NAME OF SUBMITTER: JILL A. WRIGHT

SIGNATURE: /Jill A. Wright/

DATE SIGNED: 11/07/2018

Total Attachments: 6

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> PATENT REEL: 047433 FRAME: 0965

<u>ASSIGNMENT</u>

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ALISHA B. ARRIGO, DERRICK JUENGST, and KHALID SHAH, each individually assign to ARRAY BIOPHARMA. INC., a corporation formed under the laws of Delaware and having a principal place of business at 3200 Walnut St., Boulder, CO 80301, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "CRYSTALLINE FORM OF (S)-N-(5-((R)-2-(2,5-DIFLUOROPHENYL)-PYRROLIDIN-1-YL)-PYRAZOLO[1,5-A]PYRIMIDIN-3-YL)-3-HYDROXYPYRROLIDINE-1-CARBOXAMIDE HYDROGEN SULFATE," and was filed in the United States Patent and Trademark Office on January 5, 2017, as application 15/399.207 and International Application No. PCT/US2015/060953, filed November 16, 2015 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filling date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

Assignment Page 1 of 5

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Alisha B. Affigo

DATE: 24 Aug 2017

State of Colorado

County of Prulder

The foregoing instrument was acknowledged before me this 24 August 2017 by

(Notary's official signature)

(Commission expiration date)

SUSAN E ELSBERRY
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID # 19914014307
MY COMMISSION EXPIRES 10/15/2019

Derrick Juengst DATE:	8/24/17
State of Colorado	
County of Prelder	The second second
The foregoing instrument was acknowledged before	Mad - a de
August 24, 2017	
MayEGS	\$0000000000000000000000000000000000000
(Notary's official signature)	SUSAN E ELSBERRY
10/15/2019	I NOTARY PLINIA
(Commission expiration date)	STATE OF COLORADO NOTARY ID # 19914014307

V.MY	DATE:	31 AUL 2017	
Khalid Shah	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
State of Colorado			
County of	588	California Form of Rek	nmiedgenent
The foregoing instrument was acknow	ledged before me	e this	by
(Notary's official signature)			
(Commission expiration date)			

ACKNOWLEDGMENT

certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. State of California San Mateo before me, Michelle H. Walford On 8/31/17 (insert name and title of the officer) personally appeared Khalid Shah who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. MICHELLE H. WALFORD

Signature Michelle # Walford

WITNESS my hand and official seal.

A notary public or other officer completing this

(Seal)

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Commission # 2131361 Notary Public - California San Mateo County My Comm. Expires Nov 20, 2019

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Assignee ARRAY BIOPHARMA, INC. Signapure: Name: Vicholas A. Saccorda Title: C50	Date: <u>249f-1, 2017</u>
State of Colorado County of Product The foregoing instrument was acknowledged before the control of the contr	ore me this <u>544-1, 2017</u> by
(Notary's official signature) 10 12/2019 (Commission expiration date)	GUSAN E ELSBERRY NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 19914014307 MY COMMISSION EXPIRES 10/15/2019

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RECORDED: 11/07/2018

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