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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4426370

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sunil Kumar KC	08/07/2015
David Mark Wallace	08/10/2015
Jianguo Cao	08/11/2015
Chandramouli Chiruta	08/12/2015
John Hood	08/07/2015

RECEIVING PARTY DATA

Name:	SAMUMED, LLC
Street Address:	9381 JUDICIAL DRIVE, SUITE 160
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15591566

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.

 Phone:
 (858) 678-4794

 Email:
 apsi@fr.com

Correspondent Name: ANDREA DORIGO

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	29124-0059002
NAME OF SUBMITTER:	JILL A. WRIGHT
SIGNATURE:	/Jill A. Wright/
DATE SIGNED:	05/23/2017

Total Attachments: 7

PATENT REEL: 042472 FRAME: 0631

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PATENT REEL: 042472 FRAME: 0632 Attorney Docket No.: 29124-0059001 & 29124-0059WO1 / SMi.029

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, SUNIL KUMAR KC, DAVID MARK WALLACE, JIANGUO CAO, CHANDRAMOULI CHIRUTA, and JOHN HOOD, each individually assign to SAMUMED, LLC, a limited liability company formed under the laws of Delaware and having a principal place of business at 9381 Judicial Drive, Suite 160, San Diego, CA 92121, 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 "3-(1H-BENZO[D]IMIDAZOL-2-YL)-1H-PYRAZOLO[3,4-C]PYRIDINE AND THERAPEUTIC USES THEREOF", and was filed in the United States Patent and Trademark Office on September 8, 2015 , as application 14/847,299 and International Application No: PCT/US2015/048660 , filed September 4, 2015 (the "Application"). We authorize the insertion of the filing date and application number above.

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 filing 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 7

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.

New K. h.	DATE:	Aua	67	2015	
Sunil Kumar KC/V		0			

A notary public or other officer completing this 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 County of Sam Dieso	
On <u>01 August 2015</u> before me, <u>N</u>	1. Hammack
(ir	sert name and title of the officer)
personally appeared Sunil Kumar	kC .
who proved to me on the basis of satisfactory evidence the within instrument and acknowledged to me that he and that by his signature on the instrument the person, acted, executed the instrument.	to be the person whose name is subscribed to executed the same in his authorized capacity,

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

M. HAMMACK
Commission # 2006477
Notary Public - California
San Diego County
My Comm. Expires Mar 4, 2017

Attorney Docket No.: 29124-0059001 & 29124-0059WO1 / SMi.029

David Mark Wallace DATE: 08/10/2015
David Mark Wallace
A notary public or other officer completing this 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 County of San Dugo
On 10 August 2015 before me, W. Hummack (insert name and title of the officer)
(insert name and title of the officer)
personally appeared David Mark Wallace
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or entity upon behalf of which the person 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.
WITNESS my hand and official seal. M. HAMMACK Commission # 2006477
Signature Notary Public - California San Diego County My Comm. Expires Mar 4, 2017

JUNE DATE: 8/11/2015
A notary public or other officer completing this 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 County of San Dieso
On <u>Il August 2015</u> before me, <u>M. Hummack</u> (insert name and title of the officer)
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or entity upon behalf of which the person 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.
WITNESS my hand and official seal. Signature M. HAMMACK Commission # 2006477 Notary Public - California San Diego County My Comm. Expires Mar 4, 2017

Attorney Docket No.: 29124-0059001 & 29124-0059WO1 / SMi.029

Atthal DATE: 08/12/2015
Chandramouli Chiruta
A notary public or other officer completing this 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 County of San Diego
On 12 August 2015 before me, W. Hammack (insert name and title of the officer)
(insert name and title of the officer)
personally appeared Chandramouti Chinth
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or entity upon behalf of which the person 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.
WITNESS my hand and official real. Signature M. HAMMACK Commission # 2006477 Notary Public - California San Diego County My Comm. Expires Mar 4, 2017

John Hood DATE: 8/7/2015
A notary public or other officer completing this 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 County of San Diego
On On August 2015 before me, W. Hammack (insert name and title of the officer)
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or entity upon behalf of which the person 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.
WITNESS my hand and official seal. M. HAMMACK Commission # 2006477 Notary Public - California San Diego County My Comm. Expires Mar 4, 2017

The Assignee hereby acknowledges and accepts the foregoing assignment.
Assignee: SAMUMED, LLC
Signature: Date: 12 AUgust 2015
Name: Cevelet Sarrikoglu
Title: Chief Financial Officer
A notary public or other officer completing this 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 County of Sun Dugo
On 12 August 2015 before me, M. Hrummack (insert name and title of the officer)
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or entity upon behalf of which the person 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.
WITNESS my hand and official seal. Signature M. HAMMACK Commission # 2006477 Notary Public - California San Diego County My Comm. Expires Mar 4, 2017

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RECORDED: 05/23/2017

PATENT REEL: 042472 FRAME: 0639