

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5180891

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUNIL KUMAR KC	08/26/2016
DAVID MARK WALLACE	08/30/2016
JIANGUO CAO	08/30/2016
CHANDRAMOULI CHIRUTA	08/26/2016
JOHN HOOD	08/09/2016
RECEIVING PARTY DATA	
Name:	SAMUMED, LLC
Street Address:	9381 JUDICIAL DRIVE
Internal Address:	SUITE 160
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15749701
CORRESPONDENCE DATA	
Fax Number:	(612)288-9696
<i>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.</i>	
Phone:	612-766-2091
Email:	apsi@fr.com, mmb@fr.com
Correspondent Name:	MARI BOHNHOFF
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O. BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	29124-0087US1
NAME OF SUBMITTER:	MARI BOHNHOFF
SIGNATURE:	/Mari Bohnhoff/
DATE SIGNED:	10/10/2018

Total Attachments: 7

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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-PYRROLO[3,2-C]PYRIDIN-2-YL)-1H-PYRAZOLO[3,4-C]PYRIDINES AND THERAPEUTIC USES THEREOF," and was filed in the United States Patent and Trademark Office on August 3, 2016, as application PCT/US2016/045267 (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 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.

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.

Sunil K. K.
Sunil Kumar K

DATE: Aug 26, 2016

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

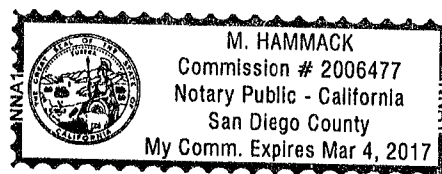
On 26 Aug 2016 before me, M. Hammack
(insert name and title of the officer)

personally appeared Sunil Kumar Kc
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 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.

WITNESS my hand and official seal.

Signature *M. Hammack*



David Mark Wallace
David Mark Wallace

DATE: 8/30/2016

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State of California
County of San Diego

On 30 Aug 2016 before me, M. Hammack
(insert name and title of the officer)

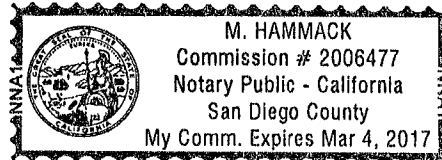
personally appeared David Mark Wallace
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or 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.

WITNESS my hand and official seal

Signature

M. Hammack



Jianguo Cao
Jianguo Cao

DATE: 8/30/2016

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State of California
County of San Diego

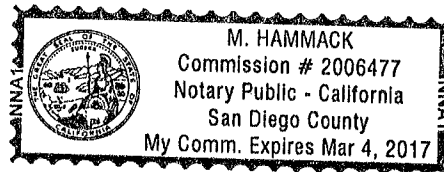
On 30 Aug 2016 before me, M. Hammack
(insert name and title of the officer)

personally appeared Jianguo Cao
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 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.

WITNESS my hand and official seal.

Signature M. Hammack



Chandramouli Chiruta

Chandramouli Chiruta

DATE: 08/26/2016

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State of California

County of San Diego

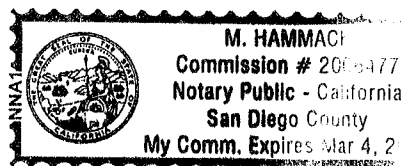
On 26 Aug 2016 before me, M. Hammack
(insert name and title of the officer)

personally appeared Chandramouli Chiruta
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 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.

WITNESS my hand and official seal.

Signature M. Hammack



John Hood

DATE: 8/9/2016

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State of California

County of San Diego

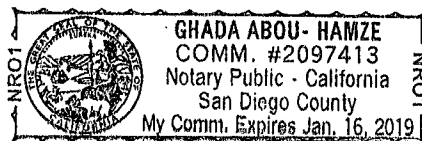
On August 9, 2016 before me, Ghada Abou-hamze
(insert name and title of the officer)

personally appeared John Daniel Hood
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 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.

WITNESS my hand and official seal.

Signature Ghada Abou-Hamze



The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: SAMUMED, LLC

Signature: [Signature] Date: 9/11/2016

Name: Arman Onc

Title: Chief Legal 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 San Diego

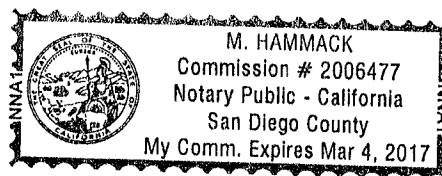
On 01 Sept 2016 before me, M. Hammack
(insert name and title of the officer)

personally appeared Arman Onc
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 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.

WITNESS my hand and official seal.

Signature [Signature]



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