504508311 08/17/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KALIPADA PAHAN	03/12/2015

RECEIVING PARTY DATA

Name:	RUSH UNIVERSITY MEDICAL CENTER	
Street Address:	1653 WEST CONGRESS PARKWAY	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60612	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15551710

CORRESPONDENCE DATA

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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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Correspondent Name: A. JOHN MURRAY **Address Line 1:** P.O. BOX 10395

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ATTORNEY DOCKET NUMBER:	14904-241
NAME OF SUBMITTER:	A. JOHN MURRAY
SIGNATURE:	/AJM/
DATE SIGNED:	08/17/2017

Total Attachments: 3

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PATENT 504508311 REEL: 043320 FRAME: 0963

ASSIGNMENT

WHEREAS, Kalipada Pahan, hereinafter called the "Assignors", have made the invention described in the United States Provisional Patent Application Number 62/131,343 filed March 11, 2015 entitled: COMPOSITIONS AND METHODS FOR TREATING CANCER; and being described in U.S. Nonprovisional Application No. 62/131,343 filed on March 11, 2015 FOT Application No. PCT/US2016/020864 filed on March 4, 2016 and any and all applications claiming the benefit thereof including the right of priority (the "Invention" or "Inventions"). (We hereby consent to the patent attorney entering the serial numbers and filing dates when they become known.)

WHEREAS, RUSH UNIVERSITY MEDICAL CENTER, an institution organized and existing under the laws of Illinois, having a place of business at 1653 West Congress Parkway, Chicago, Illinois 60612, hereinafter called the "Assignee," desires to acquire the entire right, title and interest of the inventors to the invention(s) and the patent application(s) identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all correct the United States.

and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents. The Assignors hereby sell, assign, and transfer the entire right, title and interest to the Assignee as of the day of filing the application identified above.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Dated: 03/12/15 Kali Pada Pahan Kalipada Pahan

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STATE OF COOK)	e è
COUNTY OF COOK)	33.
County and State aforesaid, do he to me to be the same person who appeared before me this day in p	, a Notary Public in and for the ereby certify that <u>Kalipada Pahan</u> , personally known as a name is subscribed to the foregoing instrument, erson and acknowledged that he signed, sealed and his free and voluntary act for the uses and purposes
IN WITNESS WHEREOF, <u> </u>	I have hereunto set my hand and Notarial Seal, this, 2015.
	Mashanla O. Da. C. Notary Public
My Commission Expires:	15-2015

OFFICIAL SEAL
MASHONDA D DANIELS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:06/15/15

RECORDED: 08/17/2017

PATENT REEL: 043320 FRAME: 0966