505144428 10/16/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KALIPADA PAHAN	05/27/2014

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:	16130787

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	14904-432 (R379-US-DIV)
NAME OF SUBMITTER:	HEIDI A. DARE
SIGNATURE:	/Heidi A. Dare/
DATE SIGNED:	10/16/2018

Total Attachments: 3

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> **PATENT REEL: 047186 FRAME: 0078** 505144428

Attorney Docket No. 14904-50 Client Reference No. R379-US

ASSIGNMENT

WHEREAS, <u>Kalipada Pahan</u>, hereinafter called the "Assignor", has made the invention described in the United States patent application entitled <u>IL-12 P40 Monomer</u>. <u>Monoclonal Antibody Against P40 Homodimer and the Combination of the Two for Autoimmune Disease Treatment</u>, for a full description of which reference is here made to an application for Letters Patent of the United States filed on <u>November 19, 2013</u> and assigned Application Serial No. <u>14/118,698</u>;

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 in and to the invention and the patent application 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 Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does 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 oriority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals 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

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Assignor hereby sells, assigns, and transfers the entire right, title and interest to the Assignee as of the day of filing the application identified above.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor 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 Assignor has executed this agreement.

DATED:

27 th May, 2014 Kalipada Pahan

Kalipada Pahan

STATE OF	**************************************
me to be the same person whose appeared before me this day in delivered the said instrument as	SUIDLEY, a Notary Public in and for the hereby certify that <u>Kalipada Pahan</u> , personally known to se name is subscribed to the foregoing instrument, person and acknowledged that he signed, sealed and shis free and voluntary act for the uses and purposes
therein set forth. IN WITNESS WHEREOF 27 day of /// a y	F, I have hereunto set my hand and Notarial Seal, this
My Commission Expires:2	Notary Public 123/15

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RECORDED: 10/16/2018