

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID P. ROSENBAUM	07/12/2007
RECEIVING PARTY DATA	
Name:	TRINE PHARMACEUTICALS, INC.
Street Address:	ONE GATEWAY CENTER
Internal Address:	SUITE 809
City:	NEWTON
State/Country:	MASSACHUSETTS
Postal Code:	02458
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12476590
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	119557-03103
NAME OF SUBMITTER:	MARCIE B. CLARKE, J.D., PH.D.
SIGNATURE:	/Marcie B. Clarke/
DATE SIGNED:	03/16/2015
Total Attachments: 2	
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source=119557_03103_Assignment (D. Rosenbaum to Trine Pharma)#page2.tif	

ASSIGNMENT

WHEREAS, I, **David P. Rosenbaum**, ASSIGNOR, citizen of the United States, residing at 121 Winslow Road, Waban, MA 02468, am co-inventor with **Barry D. Quart**, citizen of the United States, residing at 3273 Violet Ridge, Encinitas, CA 92024, of the invention described in

Method for Treatment of Constipation-Predominant Irritable Bowel Syndrome

for which we have executed an application for a Patent of the United States

☒ which was filed on April 30, 2007 as Application No. 11/741,796

and WHEREAS, **Trine Pharmaceuticals, Inc.**, a Delaware corporation having an office for the transaction of business at One Gateway Center, Suite 809, Newton, MA, 02458, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of the instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year opposite my respective signature.

Date 12 July, 2007

David P. Rosenbaum
David P. Rosenbaum

L.S.

STATE OF Massachusetts, SS.:

Country of Middlesex

On July 12, 2007, before me, Marguerite M. Beaser Notary Public, personally appeared David P. Rosenbaum, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is 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.

WITNESS my hand and official seal

Marguerite M. Beaser

Marguerite M. Beaser

NOTARY PUBLIC

My commission expires

3/6/2010