

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Caswell</td> <td>07/30/2013</td> </tr> <tr> <td>Edward Delaney</td> <td>07/30/2013</td> </tr> <tr> <td>Mohammad Rahman</td> <td>07/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michael Caswell	07/30/2013	Edward Delaney	07/30/2013	Mohammad Rahman	07/30/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Aptalis Pharma US, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>100 Somerset Corporate Boulevard</td> </tr> <tr> <td>City:</td> <td>Bridgewater</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>08807</td> </tr> </table>		Name:	Aptalis Pharma US, Inc.	Street Address:	100 Somerset Corporate Boulevard	City:	Bridgewater	State/Country:	NEW JERSEY	Postal Code:	08807
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CORRESPONDENCE DATA											
<p>Fax Number: 2027725858  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2027725800        Email: jlessler@blankrome.com        Correspondent Name: Jay Lessler        Address Line 1: 405 Lexington Ave.        Address Line 2: The Chrysler Building        Address Line 4: New York, NEW YORK 10174-0208</p>											
ATTORNEY DOCKET NUMBER:	134394.00124										
NAME OF SUBMITTER:	Jay P. Lessler										

OP \$120.00 12793512

Signature:	/Jay P. Lessler/
Date:	09/26/2013
<b>Total Attachments: 6</b> source=Assignment for L-glucose PCT and non-provisionals (2)#page1.tif source=Assignment for L-glucose PCT and non-provisionals (2)#page2.tif source=Assignment for L-glucose PCT and non-provisionals (2)#page3.tif source=Assignment for L-glucose PCT and non-provisionals (2)#page4.tif source=Assignment for L-glucose PCT and non-provisionals (2)#page5.tif source=Assignment for L-glucose PCT and non-provisionals (2)#page6.tif	

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, by Michael CASWELL; Edward DELANEY; and Mohammad RAHMAN (hereinafter referred to as Assignors), residing at 100 Guy St., Dover, New Jersey 07801; 24 Pine Street, Princeton, New Jersey 08542; and 105 Raven Stone Court, Lynchburg, Virginia 24503, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in L-SUGAR COLON CLEANSING AGENT, set forth in U.S. Patent Application No. 12/793,512, filed on June 3, 2010; U.S. Patent Application No. 12/793,518, filed on June 3, 2010; and International Patent Application No. PCT/US2010/37298, filed on June 3, 2010 (collectively the "L-Glucose Applications");

**WHEREAS**, Aptalis Pharma US, Inc. (formerly known as Axcan Pharma US, Inc.), a corporation organized under and pursuant to the laws of Delaware having its principal place of business at 100 Somerset Corporate Boulevard, Bridgewater, New Jersey 08807 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and the L-Glucose Applications, and in and to any Letters Patent of the United States or any other Country to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and the L-Glucose Applications, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of the L-Glucose Applications, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights to claim priority based on the filing dates of the L-Glucose Applications including under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as

the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the L-Glucose Applications for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or the L-Glucose Applications for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 30 July 2013      Signature:   
Michael Caswell

Date: \_\_\_\_\_      Signature: \_\_\_\_\_  
Edward Delaney

Date: \_\_\_\_\_      Signature: \_\_\_\_\_  
Mohammad Rahman

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Michael Caswell

Date: July 30, 2013

Signature: Edward Delaney  
Edward Delaney

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Mohammad Rahman

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Michael Caswell

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Edward Delaney

Date: 07-30-2013

Signature: Md. Shamsur Rahman  
Mohammad Rahman

**ACCEPTANCE BY ASSIGNEE**

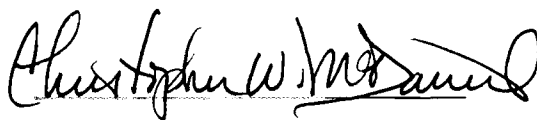
In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of **Aptalis Pharma US, Inc. (formerly known as Axcan Pharma US, Inc.)**, I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

- ☒ I am an officer of the above-identified ASSIGNEE,
- ☐ I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors,

and that all the foregoing is true and correct.

Date: 19 Aug 2013

By:



Print Name:

CHRISTOPHER W. MCDANIEL

Title:

CHIEF SCIENTIFIC OFFICER