

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3253909

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE STREET NAME FROM: 8510 COLLONADE CENTER DRIVE TO 8510 COLONNADE CENTER DRIVE previously recorded on Reel 034894 Frame 0539. Assignor(s) hereby confirms the THE ASSIGNMENT OF ASSIGNORS INTEREST.		
CONVEYING PARTY DATA			
Name		Execution Date	
WILLIAM FORBES		04/28/2011	
RECEIVING PARTY DATA			
Name:	SALIX PHARMACEUTICALS, LTD.		
Street Address:	8510 COLONNADE CENTER DRIVE		
City:	RALEIGH		
State/Country:	NORTH CAROLINA		
Postal Code:	27615		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	14612697		
CORRESPONDENCE DATA			
Fax Number:	(617)892-4076		
<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:	617-449-6619		
Email:	dmacbrayne@mccarter.com		
Correspondent Name:	MICHAEL J. DEGRAZIA, PH.D.		
Address Line 1:	265 FRANKLIN STREET		
Address Line 2:	MCCARTER & ENGLISH LLP		
Address Line 4:	BOSTON, MASSACHUSETTS 02110		
ATTORNEY DOCKET NUMBER:	119557-02603		
NAME OF SUBMITTER:	MICHAEL J. DEGRAZIA, PH.D.		
SIGNATURE:	/Michael J. DeGrazia, Ph.D./		
DATE SIGNED:	03/06/2015		
Total Attachments: 3			
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source=Executed Assignment from Parent Case for Re-Recording#page2.tif			
source=CoverSheet#page1.tif			

ASSIGNMENT

I, William Forbes of Raleigh, North Carolina, in consideration of One Dollar and other valuable consideration paid to us by

Salix Pharmaceuticals, Ltd.

a Corporation of Delaware, having their principal places of business at 1700 Perimeter Park Drive, Morrisville, North Carolina 27560, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Salix Pharmaceuticals, Ltd.

their successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

METHODS OF TREATING HEPATIC ENCEPHALOPATHY

described in the following applications:

- ☒ United States Application No. 13/077,373, filed on March 31, 2011
International Patent Application No. PCT/US2009/059321, filed on October 2, 2009

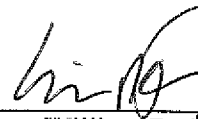
These application claims the benefit of the following applications:

- ☒ United States Provisional Application No. 61/102,349, filed on October 2, 2008

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and , respectively and their successors and assigns but at their or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and , respectively and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of McCarter & English LLP, the power to insert on this Assignment the filing date and/or application number of said application.

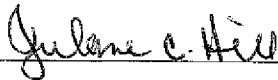


William Forbes

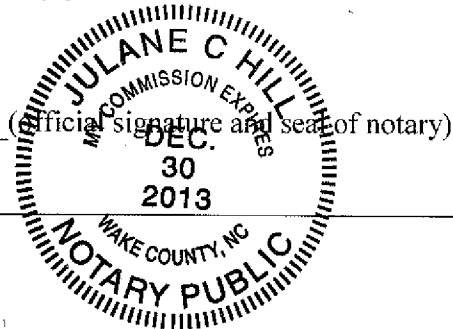
Date: April 28th 2011

United States of America)
State of North Carolina)
County of Wake)

On this 28th day of April, 2011 before me, the
the undersigned notary public, personally appeared William Forbes
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.



My commission expires 12/30/13



PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3213318

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	WILLIAM FORBES	04/28/2011
RECEIVING PARTY DATA		
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Address Line 2:	MCCARTER & ENGLISH LLP	
Address Line 4:	BOSTON, MASSACHUSETTS 02110	
ATTORNEY DOCKET NUMBER:	119557-02603	
NAME OF SUBMITTER:	MICHAEL J. DEGRAZIA, PH.D.	
SIGNATURE:	/Michael J. DeGrazia, Ph.D./	
DATE SIGNED:	02/05/2015	
Total Attachments: 2		
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source=Executed Assignment from Parent Case for Re-Recording#page2.tif		