

PATENT ASSIGNMENT COVER SHEET

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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>WILLIAM FORBES</td> <td>05/14/2013</td> </tr> <tr> <td>ENOCH BORTEY</td> <td>05/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	WILLIAM FORBES	05/14/2013	ENOCH BORTEY	05/14/2013				
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WILLIAM FORBES	05/14/2013										
ENOCH BORTEY	05/14/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SALIX PHARMACEUTICALS, LTD</td> </tr> <tr> <td>Street Address:</td> <td>8510 COLONNADE CENTER DRIVE</td> </tr> <tr> <td>City:</td> <td>RALEIGH</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27615</td> </tr> </table>		Name:	SALIX PHARMACEUTICALS, LTD	Street Address:	8510 COLONNADE CENTER DRIVE	City:	RALEIGH	State/Country:	NORTH CAROLINA	Postal Code:	27615
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (617)607-9200 Phone: (617) 449-6509 Email: docket@mccarter.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: MCCARTER & ENGLISH, LLP Address Line 1: 265 FRANKLIN STREET Address Line 4: BOSTON, MASSACHUSETTS 02110</p>											
ATTORNEY DOCKET NUMBER:	119557-06006										
NAME OF SUBMITTER:	JONATHAN M. SPARKS, PH.D.										
Signature:	/Jonathan M. Sparks, Ph.D./										
Date:	01/08/2014										
<p>Total Attachments: 3 source=119557-06020_Assignment_Salix#page1.tif source=119557-06020_Assignment_Salix#page2.tif source=119557-06020_Assignment_Salix#page3.tif</p>											

ASSIGNMENT

We, William Forbes and Enoch Bortey, of Raleigh, North Carolina and Chapel Hill, North Carolina, respectively, 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 8510 Colonnade Center Dr., Raleigh, North Carolina 27615, 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 AND COMPOSITIONS FOR TREATING HIV-ASSOCIATED DIARRHEA

described in the following applications:

International Application No. PCT/US2011/058549, filed October 31, 2011

This application claims the benefit of the following applications:

United States Provisional Application No. 61/408,622, filed on October 31, 2010
United States Provisional Application No. 61/409,335, filed on November 2, 2010
United States Provisional Application No. 61/416,249, filed on November 22, 2010
United States Provisional Application No. 61/434,379, filed on January 19, 2011

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: May 14, 2013

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

On this 14th day of May, 2013 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 personal knowledge, to be the person whose name
is signed on the preceding or attached document in my presence.

Michelle Steele (official signature and seal of notary)

My commission expires February 15, 2017

MICHELLE Z STEELE
NOTARY PUBLIC
DURHAM COUNTY, NC
My Commission Expires 2-15-2017

Enoch Bortey
Enoch Bortey

Date: May 14, 2013

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

On this 14th day of May, 2013 before me, the
the undersigned notary public, personally appeared Enoch Bortey
(name of document signer), proved to me through satisfactory evidence of identification,
which was personal knowledge, to be the person whose name
is signed on the preceding or attached document in my presence.

Michelle Steele (official signature and seal of notary)

My commission expires February 15, 2017

MICHELLE Z STEELE
NOTARY PUBLIC
DURHAM COUNTY, NC
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