

PATENT ASSIGNMENT

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 Stylesheet Version v1.1

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>Martin BOLLI</td> <td>01/20/2010</td> </tr> <tr> <td>Cyrille LESCOP</td> <td>01/20/2010</td> </tr> <tr> <td>Boris MATHYS</td> <td>01/20/2010</td> </tr> <tr> <td>Claus MUELLER</td> <td>01/20/2010</td> </tr> <tr> <td>Oliver NAYLER</td> <td>01/20/2010</td> </tr> <tr> <td>Beat STEINER</td> <td>01/20/2010</td> </tr> <tr> <td>Jorg VELKER</td> <td>01/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Martin BOLLI	01/20/2010	Cyrille LESCOP	01/20/2010	Boris MATHYS	01/20/2010	Claus MUELLER	01/20/2010	Oliver NAYLER	01/20/2010	Beat STEINER	01/20/2010	Jorg VELKER	01/20/2010
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Jorg VELKER	01/20/2010																
RECEIVING PARTY DATA																	
Name:	Actelion Pharmaceuticals Ltd.																
Street Address:	Gewerbestrasse 16																
City:	Allschwil																
State/Country:	SWITZERLAND																
Postal Code:	CH-4123																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12673918</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12673918												
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Application Number:	12673918																
CORRESPONDENCE DATA																	
Fax Number:	(973)912-5232																
Phone:	(973)912-5232																
Email:	file@hoxpat.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	Hoxie & Associates LLC																
Address Line 1:	75 Main Street, Suite 301																
Address Line 4:	Millburn, NEW JERSEY 07041																
ATTORNEY DOCKET NUMBER:	AC-91-US																

OP \$40.00 12673918

NAME OF SUBMITTER:

Brittany LA

Total Attachments: 3

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Martin BOLLI, Beat STEINER,
Cyrille LESCOP, Jörg VELKER
Boris MATHYS,
Claus MUELLER,
Oliver NAYLER,

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Actelion Pharmaceuticals Ltd.

Internal Address: _____

Street Address: Gewerbestrasse 16

City: Allschwil

State: _____

Country: SWITZERLAND Zip: CH-4123

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) January 20, 2010

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

12/673,918

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Hoxie & Associates LLC

Internal Address: _____

Street Address: 75 Main Street, Suite 301

City: Millburn

State: New Jersey Zip: 07041

Phone Number: (973)912-5232

Fax Number: (973)912-5236

Email Address: file@hoxpat.com

6. Total number of applications and patents involved: _____

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-4255

Authorized User Name Brittany LA

9. Signature:


Signature

March 16, 2012
Date

Brittany LA

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

Whereas the undersigned, hereinafter referred to as "ASSIGNOR(s)", have invented certain novel and useful subject matter (the Invention) as disclosed in an application pursuant to the Patent Cooperation Treaty (PCT) entitled:

PYRIDINE DERIVATIVES AS S1P1/EDG1 RECEPTOR MODULATORS

having PCT International Application number: PCT/IB2008/053269

and designating the United States of America.

Whereas, Actelion Pharmaceuticals Ltd having an address of Gewerbestraße 16, CH-4123 Allschwil, Switzerland (hereafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the Invention for the United States of America;

Now, therefore, as of the 20th day of January, 2010, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR(s) do hereby sell, assign, transfer and set over to ASSIGNEE their entire right, title and interest in and to the Invention for the United States of America, together with all right, title and interest in and to all United States patent applications claiming priority from, or based on, or claiming the same invention as the above-referenced PCT application, including applications pursuant to 35 U.S.C. §371, divisional applications and continuation applications, and all United States Letters Patents which may be granted on any of these, and all reissues, reexaminations and extensions thereof, and ASSIGNOR(s) do hereby authorize and request the United States Commissioner of Patents to issue all such patents to ASSIGNEE in accordance with the terms of this Assignment. ASSIGNOR(s) further agree to provide such assistance and execute such other and further documents as may be reasonably required by ASSIGNEE to obtain and enforce patent protection for the Invention and to perfect the title granted herein.

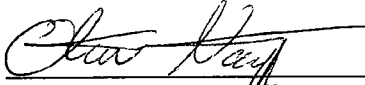
Signed, sealed and delivered by:

Martin Bolli
NAME: BOLLI, Martin

Cyrille Lescop
NAME: LESCOP, Cyrille

Boris Mathys
NAME: MATHYS, Boris

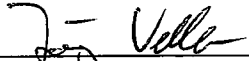
Claus Mueller
NAME: MUELLER, Claus



NAME: NAYLER, Oliver



NAME: STEINER, Beat



NAME: VELKER, Jörg