

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MARTIN BOLLI</td> <td>08/12/2009</td> </tr> <tr> <td>BORIS MATHYS</td> <td>08/12/2009</td> </tr> <tr> <td>CLAUS MUELLER</td> <td>08/12/2009</td> </tr> <tr> <td>OLIVER NAYLER</td> <td>08/12/2009</td> </tr> <tr> <td>BEAT STEINER</td> <td>08/12/2009</td> </tr> <tr> <td>JORG VELKER</td> <td>08/12/2009</td> </tr> </tbody> </table>		Name	Execution Date	MARTIN BOLLI	08/12/2009	BORIS MATHYS	08/12/2009	CLAUS MUELLER	08/12/2009	OLIVER NAYLER	08/12/2009	BEAT STEINER	08/12/2009	JORG VELKER	08/12/2009
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JORG VELKER	08/12/2009														
<b>RECEIVING PARTY DATA</b>															
Name:	ACTELION PHARMACEUTICALS LTD.														
Street Address:	GEWERBESTRASSE 16														
Internal Address:	CH-4123														
City:	ALLSCHWIL														
State/Country:	SWITZERLAND														
Postal Code:	CH-4123														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12531374</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12531374										
Property Type	Number														
Application Number:	12531374														
<b>CORRESPONDENCE DATA</b>															
Fax Number:	(973)912-5236														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	(973)912-5232														
Email:	file@hoxpat.com														
Correspondent Name:	HOXIE & ASSOCIATES LLC														
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Address Line 2:	Suite 301														
Address Line 4:	Millburn, NEW JERSEY 07041														
ATTORNEY DOCKET NUMBER:	AC-83-US														

CH \$40.00 12531374

**501061288**

**PATENT**  
**REEL: 023756 FRAME: 0599**

NAME OF SUBMITTER:

BRITTANY LA

Total Attachments: 2

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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,  
 BORIS MATHYS,  
 CLAUD MUELLER,  
 OLIVER NAYLER,  
 BEAT STEINER, & JOERG VELKER

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

**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) AUGUST 12, 2009

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

**2. Name and address of receiving party(ies)**  
 Name: ACTELION PHARMACEUTICALS LTD.  
 Internal Address: \_\_\_\_\_  
 Street Address: GEWERBESTRASSE 16  
CH-4123  
 City: ALLSCHWIL  
 State: \_\_\_\_\_  
 Country: SWITZERLAND Zip: \_\_\_\_\_

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

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No. (s)  
US PATENT APPLICATION NO.: 12/531,374  
PCT INTERNATIONAL APPLICATION NO.: PCT/IB2009/059742

Additional numbers attached?  Yes  No

B. Patent No. (s)  
 \_\_\_\_\_

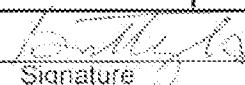
**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: HOXIE & ASSOCIATES LLC  
 Internal Address: \_\_\_\_\_  
 Street Address: 75 MAIN STREET  
SUITE 301  
 City: MILLBURN  
 State: NEW JERSEY Zip: 07041  
 Phone Number: (973)912-5232  
 Fax Number: (973)912-5236  
 Email Address: file@boxpat.com

**6. Total number of applications and patents involved:** \_\_\_\_\_

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 49.00

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

**8. Payment Information**  
 Deposit Account Number 504355  
 Authorized User Name BRITTANY LA

**9. Signature:**  \_\_\_\_\_ JANUARY 11, 2010  
 Signature Date  
 Name of Person Signing BRITTANY LA Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0146, 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:

AMINO- PYRIDINE DERIVATIVES AS 51P1 /EDG1 RECEPTOR AGONISTS

having PCT International Application number: PCT/IB2008/050742

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 12<sup>th</sup> day of August, 2009, 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

Boris Mathys  
NAME: MATHYS, Boris

Claus Mueller  
NAME: MUELLER, Claus

Oliver Naylor  
NAME: NAYLER, Oliver

Beat Steiner  
NAME: STEINER, Beat

Jörg Velker  
NAME: VELKER, Jörg