505304482 01/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5351262

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DA	ATA			
		Name	Execution Date	
HAMED AISSAOUI			08/22/2016	
CHRISTOPH BOSS			08/22/2016	
PATRICK BOUIS	08/24/2016			
JULIEN HAZEMANN	08/23/2016			
ROMAIN SIEGRIST			08/24/2016	
RECEIVING PARTY DA	ТА			
Name:	ACTELION PHARMACEUTICALS LTD			
Street Address:	GEWERBESTRASSE 16			
City:	ALLSCHWIL			
State/Country:	SWITZERLAND			
Postal Code:	4123			
PROPERTY NUMBERS Property Type	Total: 1	Number		
		Number 15842357		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provideo	15842357 <i>the e-mail address first; if that is unsu</i> <i>i; if that is unsuccessful, it will be sent</i> 2028576000 patentdocket@arentfox.com ARENT FOX LLP 1717 K STREET, NW		
Property Type Application Number: CORRESPONDENCE D. Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provideo	15842357 <i>the e-mail address first; if that is unsult; if that is unsuccessful, it will be sent</i> 2028576000 patentdocket@arentfox.com ARENT FOX LLP 1717 K STREET, NW WASHINGTON, D.C. 20006		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provideo	15842357 The e-mail address first; if that is unsull if that is unsuccessful, it will be sent 2028576000 patentdocket@arentfox.com ARENT FOX LLP 1717 K STREET, NW WASHINGTON, D.C. 20006 038651.00056		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provideo	15842357 b the e-mail address first; if that is unsule i; if that is unsuccessful, it will be sent 2028576000 patentdocket@arentfox.com ARENT FOX LLP 1717 K STREET, NW WASHINGTON, D.C. 20006 038651.00056 JEFF VOCKRODT		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provideo	15842357 The e-mail address first; if that is unsull if that is unsuccessful, it will be sent 2028576000 patentdocket@arentfox.com ARENT FOX LLP 1717 K STREET, NW WASHINGTON, D.C. 20006 038651.00056		

source=038651-00056_Assignment_As_Filed_January_30_19#page1.tif

PATENT REEL: 048192 FRAME: 0446

Docket No. 037243.00085

U.S. CONFIRMATORY ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

Actelion Pharmaceuticals Ltd, Gewerbestrasse 16, 4123 Allschwil, Switzerland

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby acknowledges and confirms that ASSIGNOR has previously assigned and transferred, pursuant to the employment agreement between the ASSIGNOR and ASSIGNEE and laws of Switzerland, unto said ASSIGNEE, its successors, assigns and legal representatives, and to the extent not earlier assigned and transferred under U.S. law hereby assigns and transfers, its entire right, title and interest in and throughout the world, including the United States of America (including its territories and dependencies), the entire and exclusive right, title and interest, including the right to sue for past

[Insert ASSIGNEE's Name(s) Address(es)]

[Title of Invention]

[*If the assignment is being filed after the filing of the application, this section must be completed] Azaindole acetic acid derivatives and their use as prostaglandin D2 receptor modulators

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on September 9, 2016 , Serial No. 15/125018

infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention entitled

(Arent Fox LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof, and any other application claiming priority thereto, for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

j ······	Hamed AISSAOUI	22/05
(SIGNATURF)	(TYPE NAME)	(DATE)
	Christoph BOSS	77/08/2016
(SIGNATURE)	(TYPE NAME)	(DATE)
	Patrick BOUIS	24.08 2016
(SIGNA) (SIGNA)	(TYPE NAME)	(DATE)
- Classer	Julien HAZEMANN	23.08.2016
(SIGNATURE)	(TYPE NAME)	(DATE)
Q Stationorther	Romain SIEGRIST	24.08.2016
(SIGNATURE)	(TYPE NAME)	(DATE)

RECORDED: 01/30/2019