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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
EVA CAROFF			06/24/2014
MARCEL KELLER			06/24/2014
THIERRY KIMMERLIN			06/24/2014
EMMANUEL MEYER			06/24/2014
RECEIVING PARTY DA	TA		
Name:	ACTELION PHARMACEUTICALS LTD		
Street Address:	GEWERBESTRASSE 16		
City:	ALLSCHWIL		
State/Country:	SWITZERLAND		
Postal Code:	CH-4123		
PROPERTY NUMBERS Total: 1 Property Type			_
Property Type		Number	
Property Type Application Number:	· ·	Number 14376307	-
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ATTORNEY DOCKET NO .:

ASSIGNMENT

WHEREAS, WE, Eva CAROFF, residing in France; Marcel KELLER, residing in Switzerland; Thierry KIMMERLIN, residing in Switzerland; Emmanuel MEYER, residing in Switzerland, have invented certain new and useful improvements in and to the subject matter of:

4-(BENZOIMIDAZOL-2-YL)-THIAZOLE COMPOUNDS AND RELATED AZA DERIVATIVES

described in an application for United States Letters Patent filed on 8/1/2014 and accorded Application No. 14/376,307, which is a National Stage application of PCT/IB2013/050870 filed on February 1, 2013;

AND, WHEREAS, Actelion Pharmaceuticals Ltd, a corporation organized under the laws of the State of Switzerland, having a place of business located at Gewerbestrasse 16, 4123 Allschwil (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including priority, provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States applications, including priority, international, and regional applications, based in whole or in part on any of the aforesaid United States applications or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND we hereby authorize and request our agents, Hunton & Williams LLP, 2200 Pennsylvania Avenue, N.W., Washington, DC 20037, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND we hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE

> HUNTON & WILLIAMS LLP INTELLECTUAL PROPERTY DEPARTMENT 2200 PENNSYLVANIA, N.W. WASHINGTON, DC 20037 (202) 955-1500 (TELEPHONE) (202) 778-2201 (FACSIMILE)

> > 1

its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND we hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND we do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hand and seal.

<u>24-06-9014</u> Date

<u>24 - 06 - 2014</u> Date

24/6/2014

Eva CAROFF

Marcel KELLER

Thierry KIMMERLIN

HUNTON & WILLIAMS LLP INTELLECTUAL PROPERTY DEPARTMENT 2200 PENNSYLVANIA, N.W. WASHINGTON, DC 20037 (202) 955-1500 (TELEPHONE) (202) 778-2201 (FACSIMILE)