PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3815107

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ASTRAZENECA UK LIMITED	12/10/2012

RECEIVING PARTY DATA

Name:	AstraZeneca AB		
Street Address:	SE-151 85		
Internal Address:	AstraZeneca AB		
City:	Sodertalje		
State/Country:	SWEDEN		
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15018157	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	104216-US-CNT	
NAME OF SUBMITTER: KALLIOPI GANTZOUDIS		
SIGNATURE: /Kalliopi Gantzoudis/		
DATE SIGNED:	04/05/2016	

Total Attachments: 3

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PATENT 503768463 REEL: 038189 FRAME: 0533

AZ Ref: 104216-WO-PCT/O

ASSIGNMENT OF PATENT RIGHTS

This Assignment of Patent Rights (this "Assignment") is made as of the 30th day of November 2012 (the "Effective Date") by and between

- (1) ASTRAZENECA UK LIMITED, a company incorporated in England and Wales under no. 3674842, whose principal place of business is at 2 Kingdom Street, London, England, W2 6BD (the "Assignor"); and
- (2) ASTRAZENECA AB, a company incorporated in Sweden under no. 556011-7482, whose principal place of business is at SE-151 85 Södertälje, Sweden ("the "Assignee").

Recitals

- (A) WHEREAS, Assignor is the sole owner of the entire right, title and interest in and to the patent application(s) identified in the attached Schedule (the "Patent Application(s)") and in and to the inventions and improvements disclosed in such Patent Application.
- (B) WHEREAS, Assignor has agreed to assign to Assignee the legal right, legal title and legal interest in and to the Patent Application, respectively, and in and to the inventions and improvements disclosed in such Patent Application.

Agreement

NOW, THEREFORE, in consideration of the mutual covenants contained in this Agreement, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor and Assignee, intending to be legally bound, agree as follows:

1 Assignment

- In consideration of the payment by Assignee to Assignor of the sum of £1, the receipt of which is hereby acknowledged, Assignor hereby assigns, sells and transfers to Assignee, with full title guarantee free from all and any charges or other third party rights, the following rights (the "Patent Rights"):
- all of Assignor's legal right, legal title and legal interest in and to the Patent Application(s), any rights under the International Convention for the Protection of Industrial Property and all other applicable treaties and conventions, any rights of priority with respect to the Patent Application(s), including any divisional, continuation and continuation-in-part applications claiming, directly or indirectly, the benefit of, or priority to, the Patent Application(s) (and equivalents in countries other than the United States), any patents in any country that may be granted to or on any of the foregoing applications ("Subsequent Patents"), any reissues, re-examinations or extensions of such Subsequent Patents (and equivalents in countries other than the United States), to the full end of the term for which the Subsequent Patents have been granted, reissued, re-examined or extended;

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- all of Assignor's legal right, legal title and legal interest in and to the inventions and improvements disclosed in the Subsequent Patents and Patent Application(s); and
- any and all causes of action, claims, demands or other rights occasioned from or because of any and all past and future infringement of any of the Subsequent Patents or Patent Application(s), including all rights to recover damages, profits and injunctive relief for infringement of any of the Subsequent Patents or Patent Application(s).

2 Further Action

Assignor agrees, at the reasonable request of Assignee: (a) to execute and deliver any further documents and to take any further actions reasonably necessary to enable Assignee to become the registered owner of the Patent Rights and to secure the benefits of the rights hereby assigned; and (b) to aid in securing and maintaining patent protection for the Patent Rights throughout the world, including, without limitation, cooperating in any proceedings involving examinations, re-examinations, reissues, opposition and cancellation proceedings, interferences, infringement proceedings, court actions and the like.

3 Recordation

Assignor hereby authorizes the United States Commissioner of Patents and Trademarks and, as appropriate, the corresponding officials of other countries, to record this Assignment.

4 Governing Law and Jurisdiction

The interpretation and construction of this Agreement shall be governed by the laws of England and Wales and the Assignor and Assignee hereby submit to the exclusive jurisdiction of the courts of England and Wales for any action, suit or proceeding arising out of or relating to this Agreement.

THIS ASSIGNMENT IS EXECUTED by the authorised representatives of the parties and is effective from the date first written above.

Signed for and on behalf of	Signed for and on behalf of		
ASTRAZENECA UK LIMITED	ASTRAZENECA AB (PUBL)		

Signature:

Name: Allen GILES

Title: Authorised Signatory

Date: 10th Decambe/ 2012

Signature:

Name: Lucy PADGET

Title: Authorised Signatory

Date: <u>1064 Occamber</u> 201

Witnessed by:

Name: Jennifer PENNINGTON

Witnessed by:

Name: / Jehnifer PENNINGTON

AZ Ref: 104216-WO-PCT/O

THE SCHEDULE

THE PATENT APPLICATION(S)					
AstraZeneca Case No.	Application Ref:	Country	Filing Type	Application No. and/or Title of Invention	Filing Date
104216-WO/O	A	International	PCT	PCT/GB2012/052969	30 th Nov 2012

Application referenced A claims priority from US Provisional Application No(s). 61/564975 dated 30th Nov 2011

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RECORDED: 04/05/2016