

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4331311

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL JAMES WARING	11/03/2014
STEVEN CHRISTOPHER GLOSSOP	11/03/2014
JAMES FRANCIS MCCABE	11/03/2014
ZOE ANN COTTER	11/03/2014
ROBERT HUGH BRADBURY	11/03/2014
ALFRED ARTHUR RABOW	11/03/2014
ARSHED MAHMOOD	11/03/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASTRAZENECA UK LIMITED
<b>Street Address:</b>	1 FRANCIS CRICK AVENUE
<b>Internal Address:</b>	CAMBRIDGE BIOMEDICAL CAMPUS
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	CB2 0AA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15329274
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(301)576-6932
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	301-398-3199
<b>Email:</b>	patents@astrazeneca.com
<b>Correspondent Name:</b>	ASTRAZENECA PHARMACEUTICALS
<b>Address Line 1:</b>	ONE MEDIMMUNE WAY
<b>Address Line 4:</b>	GAITHERSBURG, MARYLAND 20878
<b>ATTORNEY DOCKET NUMBER:</b>	200211-US-PCT
<b>NAME OF SUBMITTER:</b>	DENISE COOPER
<b>SIGNATURE:</b>	/Denise Cooper/

<b>DATE SIGNED:</b>	03/22/2017
<b>Total Attachments: 2</b> source=200211 inventor to company assignment#page1.tif source=200211 inventor to company assignment#page2.tif	

THIS CONFIRMATORY ASSIGNMENT is made as of the 28<sup>th</sup> day of July 2014  
(the "Effective Date")

BY AND BETWEEN

Michael James WARING, Robert Hugh BRADBURY and Steven Christopher GLOSSOP all British citizens and Alfred Arthur RABOW a US citizen all of AstraZeneca R&D Alderley, Alderley Park, Macclesfield, Cheshire, SK10 4TG, United Kingdom and James Francis MCCABE, Arshed MAHMOOD and Zoe Ann COTTER all British citizens of AstraZeneca, Charter Way, Macclesfield, Cheshire, SK10 2NA, United Kingdom (the "Inventor(s)")

AND

ASTRAZENECA UK LIMITED, a company incorporated in England and Wales under No. 3674842 with registered office address at 2 Kingdom Street, London, England W2 6BD ("AstraZeneca")

Recitals

WHEREAS

- A. The Inventor(s) has/have made certain inventions (the "Inventions") in respect of which US Application No. 62/029676 was filed on the 28th day of July 2014 (the "Patent Application").
- B. The Inventor(s) was/were at all times an employee of AstraZeneca.

NOW THEREFORE IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration of the amounts paid to the Inventor(s) pursuant to their contract of employment with AstraZeneca, the Inventor hereby confirms that by virtue of his employment with AstraZeneca, he has assigned and does hereby assign, with full title guarantee, free from all and any charges or other third party rights, to AstraZeneca absolutely all his right, title and interest in and to the Inventions, the Patent Application and any Patents; any divisions, continuations and continuations-in-part of the Patent Application; any re-issues, re-examinations, or extensions of any and all Patents; the right to file patent applications directly in the name of AstraZeneca or an affiliated company of AstraZeneca (in countries or regions where such filings are permissible); and the right to claim priority rights deriving from the Patent Application (collectively, the "Rights"), whether now existing or hereafter arising, and in so far as there may be any outstanding Rights that have not been assigned to AstraZeneca, the Inventor(s) hereby assigns all right, title and interest in such outstanding Rights to AstraZeneca. Inventor(s) warrants that the Rights are unencumbered. The Inventor(s) acknowledges that AstraZeneca shall have the rights to further assign or otherwise transfer any or all of the Rights to any third party and the Inventor(s) waives any right of first refusal that they may have for acquiring such Rights.
2. The Inventor(s) each hereby agree with AstraZeneca that their assignment to AstraZeneca includes, but is not limited to, 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 Patent Application, including all rights to recover damages, profits and injunctive relief for infringement of any of the Patent Application, and the right to file a patent application anywhere in the world claiming convention priority.
3. The Inventor(s) each hereby agree with AstraZeneca that they will execute such further documents and give such assistance at the expense of AstraZeneca as AstraZeneca may require:
  - a) to secure the vesting in AstraZeneca of all rights in the Patent Application and in such parties to whom AstraZeneca may assign its rights in the Patent Application;
  - b) to defeat any challenge to the validity of and resolve any questions concerning the Patent Application; and
  - c) to apply for, prosecute and obtain patent or similar protection in the United States and all other countries of the world for an invention embodied by the Patent Application, including the right to claim convention priority from such Application and including, without limitation, cooperating in any proceedings involving examinations, re-examinations, reissues, opposition and cancellation proceedings, interferences, infringement proceedings, court actions and the like.

4. The Inventor(s) each hereby agree with AstraZeneca that they shall, at the expense of AstraZeneca, execute and sign all such instruments, applications and documents and do all such acts and things as may reasonably be required by AstraZeneca to enable AstraZeneca or its nominee to enjoy the full benefit of the rights assigned by this agreement.

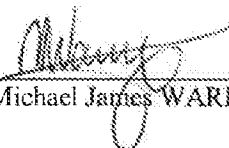
5. AstraZeneca accepts the above assignment.

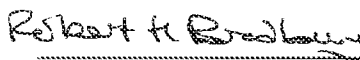
6. This assignment shall be governed by and construed in accordance with the laws of England and Wales and the parties hereby submit to the exclusive jurisdiction of the English courts.


Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment any further information necessary for recordation of this document.

This agreement has been entered into on the date stated at the beginning of it.

Signed at: Macclesfield, Cheshire, United Kingdom Date: 03 NOV 14

  
Michael James WARING

  
Robert Hugh BRADBURY

  
Steven Christopher GLOSSOP

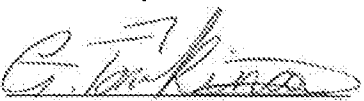
  
Alfred Arthur RABOW

  
James Francis MCCABE


  
Arshed MAHMOOD

  
Zoe Ann COTTER


Witnessed by:

  
Name:

Witnessed by:

  
Name: J PENNINGTON

Signed at: Macclesfield, Cheshire, United Kingdom Date: 7th NOV 2014

  
Signed for and on behalf of  
**ASTRAZENECA UK LIMITED**  
Name: Lucy PADGET  
Title: Authorised Signatory

Witnessed by:

  
Name: Jennifer Pennington