

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rhonan Lee FORD</td> <td>11/10/2010</td> </tr> <tr> <td>Andrew Nigel MATHER</td> <td>11/10/2010</td> </tr> <tr> <td>Antonio METE</td> <td>11/10/2010</td> </tr> </tbody> </table>		Name	Execution Date	Rhonan Lee FORD	11/10/2010	Andrew Nigel MATHER	11/10/2010	Antonio METE	11/10/2010
Name	Execution Date								
Rhonan Lee FORD	11/10/2010								
Andrew Nigel MATHER	11/10/2010								
Antonio METE	11/10/2010								
RECEIVING PARTY DATA									
Name:	AstraZeneca UK Limited								
Street Address:	2 Kingdom Street								
City:	London								
State/Country:	UNITED KINGDOM								
Postal Code:	W2 6BD								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12992045</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12992045				
Property Type	Number								
Application Number:	12992045								
CORRESPONDENCE DATA									
Fax Number:	(781)839-4121								
Phone:	1 781 839 4951								
Email:	kalliopi.gantzoudis@astrazeneca.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	AstraZeneca								
Address Line 1:	35 Gatehouse Drive								
Address Line 4:	Waltham, MASSACHUSETTS 02451								
ATTORNEY DOCKET NUMBER:	103273-1P US/R&I								
NAME OF SUBMITTER:	Kalliopi Gantzoudis								
Total Attachments: 2 source=Confirmatory Assignment - FORD, Rhonana, Lee et al#page1.tif source=Confirmatory Assignment - FORD, Rhonana, Lee et al#page2.tif									

CH \$40.00 12992045

THIS CONFIRMATORY ASSIGNMENT is made as of the 10th day of November 2010 (the "**Effective Date**")

BY AND BETWEEN

FORD, Rhonan, Lee and MATHER, Andrew, Nigel both British citizens and METE, Antonio an Italian citizen, all of AstraZeneca R&D Charnwood, Bakewell Road, Loughborough, Leicestershire, LE11 5RH, United Kingdom (the "**Inventor(s)**")

AND

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

RECITALS

WHEREAS

- A. The Inventor(s) has made certain inventions (the "**Inventions**") in respect of which US Application No. 12/992045 was filed on the 10th day of November 2010 (the "**Patent Application**").
- B. The Inventor(s) are employees 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(s) each hereby confirm that by virtue of their employment with AstraZeneca, they have assigned, with full title guarantee, free from all and any charges or other third party rights, to AstraZeneca absolutely all their right, title and interest in and to the Inventions and the Patent Application, or any continuing or divisional application of the Patent Application in accordance with their contracts of employment and in accordance with the Patents Act 1977.
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.

Place: Loughborough, United Kingdom

Place: Loughborough, United Kingdom



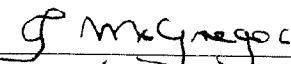
1. FORD, Rhonan, Lee



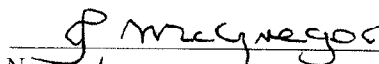
2. MATHER, Andrew, Nigel

Witnessed by:


Witnessed by:



Name: JANIS MCGREGOR

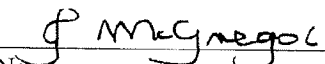


Name: JANIS MCGREGOR



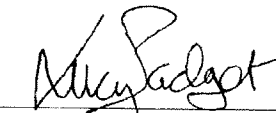
3. METE, Antonio

Witnessed by:



Name: JANIS MCGREGOR

Place: Macclesfield, Cheshire, UK



Signed on behalf of
ASTRAZENECA UK LIMITED
Lucy PADGET
Authorised Signatory