

## 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>Kevin Michael FOOTE</td><td>07/21/2011</td></tr><tr><td>Johannes Wilhelmus Maria NISSINK</td><td>07/21/2011</td></tr><tr><td>Paul TURNER</td><td>07/21/2011</td></tr></tbody></table>	Name	Execution Date	Kevin Michael FOOTE	07/21/2011	Johannes Wilhelmus Maria NISSINK	07/21/2011	Paul TURNER	07/21/2011	
Name	Execution Date								
Kevin Michael FOOTE	07/21/2011								
Johannes Wilhelmus Maria NISSINK	07/21/2011								
Paul TURNER	07/21/2011								
RECEIVING PARTY DATA									
Name:	AstraZeneca AB								
Street Address:	SE-151 85								
Internal Address:	AstraZeneca AB								
City:	Sodertalje								
State/Country:	SWEDEN								
Postal Code:	SE-151 85								
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>13156684</td></tr></tbody></table>	Property Type	Number	Application Number:	13156684					
Property Type	Number								
Application Number:	13156684								
CORRESPONDENCE DATA									
Fax Number:	(781)839-4121								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	1 781 839 4951								
Email:	kalliopi.gantzoudis@astrazeneca.com								
Correspondent Name:	AstraZeneca								
Address Line 1:	35 Gatehouse Drive								
Address Line 4:	Waltham, MASSACHUSETTS 02451								
ATTORNEY DOCKET NUMBER:	103985-1 US/O								
NAME OF SUBMITTER:	Kalliopi Gantzoudis								
Total Attachments: 2 source=Confirmatory Assignment - from FOOTE, NISSINK & TURNER to AZ UK#page1.tif source=Confirmatory Assignment - from FOOTE, NISSINK & TURNER to AZ UK#page2.tif									

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REEL: 026721 FRAME: 0302

THIS CONFIRMATORY ASSIGNMENT is made as of the 9th day of June 2011 (the "**Effective Date**")

BY AND BETWEEN

Kevin Michael FOOTE a British citizen, Johannes Wilhelmus Maria NISSINK a Dutch citizen and Paul TURNER a British citizen all of AstraZeneca R&D Alderley, Alderley Park, Macclesfield, Cheshire, SK10 4TG, 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. 13/156684 was filed on the 9th day of June 2011 (the "**Patent Application**").
- B. The Inventors Kevin Michael FOOTE, Johannes Wilhelmus Maria NISSINK and Paul TURNER 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, and do hereby assign, 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

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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: Cheshire, United Kingdom

Date: 21st July 2011

K. M. Foote  
Kevin Michael FOOTE

Johannes Wilhelmus Maria NISSINK  
Johannes Wilhelmus Maria NISSINK

Paul Turner  
Paul TURNER

Witnessed by:

Witnessed by:

Jennifer Pennington  
Name: Jennifer PENNINGTON

Tara Cooney  
Name: Tara COONEY

Signed at: Cheshire, United Kingdom

Date: 21st July 2011

Allen Giles  
Signed on behalf of ASTRAZENECA UK LIMITED  
Allen GILES - Authorised Signatory