

THIS CONFIRMATORY ASSIGNMENT is made the 30th day of October 2014(the "Effective Date")

BY AND BETWEEN

Joseph BEAURLINE (US citizen), James ELVECROG (US citizen) and John VASILAKOS (US citizen), John T. Capecchi (US citizen) and Karen E. Johnson (US citizen) all of 3M Innovative Properties Company, 3M Center P.O. Box 33427 St. Paul, Minnesota 55133-3427 United States; (the "Inventor(s)")

AND

3M Innovative Properties Company, a wholly-owned subsidiary of 3M Company, a corporation of Delaware with registered office address at 3M Center P.O. Box 33427 St. Paul, Minnesota 55133-3427 United States ("3M")

Recitals

WHEREAS

- A. The Inventor(s) has/have made certain inventions (the "**Inventions**") in respect of which the patent application(s) specified in the attached Schedule have been filed (the "**Patent Application(s)**").
- B. The Inventor(s) was/were at all relevant times an employee of 3M.

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 3M, the Inventor(s) hereby confirms that by virtue of his/her employment with 3M, he/she has assigned and does hereby assign, with full title guarantee, free from all and any charges or other third party rights, to 3M absolutely all his/her right, title and interest in and to the Inventions, the Patent Application(s) and any Patents; any divisions, continuations and continuations-in-part of the Patent Application(s); any re-issues, re-examinations, or extensions of any and all Patents; the right to file patent applications directly in the name of 3M or an affiliated company of 3M (in countries or regions where filings are permissible); and the right to claim priority rights deriving from the Patent Application(s) (collectively, the "**Rights**"), whether now existing or hereafter arising, to the full end of the term for which the Rights have been granted, reissued, re-examined or extended and in so far as there may be any outstanding Rights that have not been assigned to 3M. Inventor (s) warrants that the Rights are unencumbered. The Inventor(s) acknowledge that 3M shall have the rights to further assign or otherwise transfer any or all of the Rights to any third party and the Inventor waives any right of first refusal that they may have for acquiring such Rights. The Inventor(s) further acknowledge that insofar as and solely to the extent that the Rights apply to India, the amount paid to the Inventor(s) pursuant to their contract of employment includes nominal consideration of One Dollar (\$1.00).
2. The Inventor(s) each hereby agrees with 3M that their assignment to 3M 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 Applications, including all rights to recover damages, profits and injunctive relief for infringement of any of the Patent Application(s).
3. The Inventor(s) hereby agrees with 3M that they will execute such further documents and give such assistance at the expense of 3M as 3M may require:
 - a) to secure the vesting in 3M of all rights in the Patent Application(s) and in such parties to whom 3M may assign its rights in the Patent Application(s);
 - b) to defeat any challenge to the validity of and resolve any questions concerning the Patent Application(s); 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(s), including the right to

claim convention priority from such application(s) 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), on behalf of itself and its successors, assigns, nominees, or other legal representatives, does hereby covenant and agree with 3M that they shall, at the expense of 3M, execute and sign all such lawful instruments, applications and documents and do all such lawful acts and things as may reasonably be required by 3M to enable 3M or its successors, nominees or assigns to enjoy the full benefit of the rights assigned by this agreement.

5. The Inventor(s), on behalf of itself and its successors, assigns, nominees, or other legal representatives, does hereby authorize 3M, its successors, assigns, or nominees, including its patent agents, to amend the present assignment document to insert or correct the filing date, serial number or other identifying information of the Patent Application(s) and/or Patents as may be needed to record same.

6. 3M accepts the above assignment.

7. This assignment shall be governed by and construed in accordance with the laws of Minnesota and the parties hereby submit to the exclusive jurisdiction of the Minnesota 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.

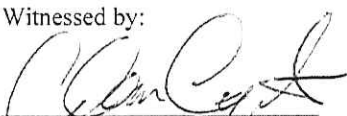
This agreement has been entered into on the date stated at the beginning of it.

Signed at:

Date: 10 Sep 2015


Joseph BEAURLINE

Witnessed by:


Name: Adam Cantor

Signed at:

Date: 18 Sept 2015

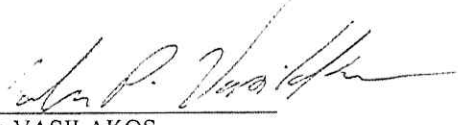
James Elvecrog
James ELVECROG

Witnessed by:

Christine Eastman
Name: christine Eastman

Signed at:

Date: 10 SEP 2015


John VASILAKOS

Witnessed by:


Name: Iwen Grigsby

Signed at:

Date: 14 Sep 2015

John T. Capecchi
John T. Capecchi

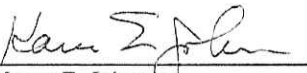
Witnessed by:

Chad Haraldson
Name:

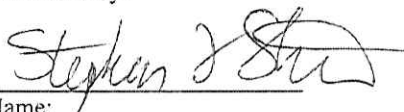
CHAD HARALDSON

Signed at: 3M

Date: 11 Sep 2015


Karen E. Johnson

Witnessed by:


Name: Stephen W. Stein

Signed at: St. Paul, MN Date: Sept 24, 2015

Ted Ringstad
Signed for and on behalf of:
3M Innovative Properties Company
Name: Ted Ringstad
Capacity: Authorised Signatory

Witnessed by:
Jane M. Courtney
Name:

THE SCHEDULE

THE PATENT APPLICATION(S)					
AstraZeneca Case No:	Application Ref:	Country	Filing Type	Application No. and/or Title of Invention	Filing Date
200242-WO- PCT	A	International	PCT	PCT/US14/63095	30 OCT 2014
200242-TW- NP	B	Taiwan	National	103138238	4 NOV 2014

Patent Application(s) referenced A, and B inclusive claim priority from the following
US Provisional Application(s)

Application No.	Filing Date
61/900255	5 NOV 2013

I, **Kalliopi Gantzoudis** of AstraZeneca R&D Boston, 35 Gatehouse Drive, Waltham, MA 02451, United States Notary Public duly authorised admitted and sworn and practising within the United States **do hereby certify** that the photocopy hereto annexed is a true copy of the original Confirmatory Assignment signed by **Joseph BEAURLINE, James ELVECROG, John VASILAKOS, John T. CAPECCHI, Karen E. JOHNSON and Ted RINGSRED.**

 *28-APR-16*
.....
Notary Public

