503080639 12/01/2014 PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: NATURE OF CONVEYANCE: | | 1 | NEW ASSIGNMENT | | | | |
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| JANSSEN-CILAG | | | | | | 05/30/2012 | |
| RECEIVING PARTY DA | TA | | | | | | |
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General Assignment

WHEREAS, Janssen-Cilag, having its place of business at 1 rue Camille Desmoulins, TSA 91003, 92787 Issy-les Moulineaux Cedex 9, France (hereinafter referred to as "Assignor"), is the owner of certain new and useful inventions relating to

"NEW COMPOUNDS"

for which on the 30th day of May 2012, United Kingdom Patent Application no. 1209609.5 was filed at UK Intellectual Property Office;

on the 30th day of May 2012, USA Patent Application no. 61/653140 was filed at USPTO; and on the 14th day of March 2013, USA Patent Application no. 61/782210 was filed at USPTO.

WHEREAS, Janssen Pharmaceutica NV, having its place of business at Turnhoutseweg 30, B-2340 Beerse, Belgium (hereinafter referred to as "Assignee") is desirous of acquiring Assigners' entire right, title and interest therein, including the right to claim priority thereof,

NOW, THEREFORE, BE IT KNOWN, that in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor hereby assigns and transfers, for all countries in the world, to said Assignee its entire right, title and interest, including the right to claim priority, in and to all said inventions disclosed in said applications and in and to said applications, and all foreign equivalents thereof, including all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, that may be granted for said inventions, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

And for purpose of obtaining patent protection in any foreign country, the Assignor hereby agrees that, any right, title and interest, in and to all said inventions disclosed in said applications and in and to said applications, and all foreign equivalents thereof can be directly assigned by the inventors to the Assignee without explicit confirmation of the Assignor.

The Assignor agrees that this general assignment is effective from the 30th day of May 2012.

IN TESTIMONY WHEREOF, the Assignor and Assignee set hereunto their hand and seal this date.

For Janssen-Cilag

Frank Daviemans, Proxy Holder Janssen-Cilag

For Janssen Pharmaceutica NV

Luc Quagnebeur, Proxy Holder Janssen Pharmaceutica NV