

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	3
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ABBVIE DEUTSCHLAND GMBH & CO. KG	08/11/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ABBVIE INC.
<b>Street Address:</b>	1 NORTH WAUKEGAN ROAD
<b>City:</b>	NORTH CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60064
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15639424
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)612-2307
<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>	3146215070
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<b>ATTORNEY DOCKET NUMBER:</b>	31247-1814
<b>NAME OF SUBMITTER:</b>	LAURA J. HILMERT
<b>SIGNATURE:</b>	/Laura J. Hilmert/
<b>DATE SIGNED:</b>	09/14/2017
<b>Total Attachments: 2</b>	
source=ABV11968USC1-ExecutedAssignment-AbbvieGMBH-to-AbbvieInc-27160153#page1.tif	
source=ABV11968USC1-ExecutedAssignment-AbbvieGMBH-to-AbbvieInc-27160153#page2.tif	

ASSIGNMENT

THIS ASSIGNMENT, effective the date listed below by AbbVie Deutschland GmbH & Co. KG., a corporation duly organized under and pursuant to the laws of Germany (hereinafter referred to as "The Assignor,") witnesseth:

WHEREAS, the Assignor is owner of the following United States patent applications relating to the inventions and improvements described therein:

<u>U.S. Serial No.</u>	<u>Filing Date</u>
14/677,611	April 2, 2015

WHEREAS, AbbVie Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 1 North Waukegan Road, North Chicago, Illinois 60064, (hereinafter referred to as the Assignee,") is desirous of acquiring the entire right, title, and interest in and to said United States patent application and the inventions and improvements described therein, the right to file applications on said inventions and applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon.

NOW, THEREFORE, in view of good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these representatives, and assigns the entire right, title and interest in and to the above United States patent applications, the inventions and improvements disclosed therein, the right to file applications on said inventions and improvements and the entire right, title, and interest in and to any application for Letters Patent of the United States or other countries claiming priority to any of said patent applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part, of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property and the Patent Cooperation Treaty, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

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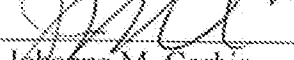
AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions and improvements set forth in said patent applications, above-mentioned, and that the same are unencumbered except as known to Assignee and which Assignee accepts this Assignment subject to such encumbrances, if any, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any county, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, continuation-in-part or any applications for Letters Patent or Patents, or any reexamination, reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions and/or improvements, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost of and expense to the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner for Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said patent applications, inventions, and improvements, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

AbbVie Deutschland GmbH & Co KG

Date: AUGUST 11, 2015

By:   
 Name: Johanna M. Corbin  
 Title: Vice President Intellectual Property  
 and Strategy