PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LILI HUANG	01/30/2015
PHILIP D. BARDWELL	01/22/2015
YULIYA KUTSKOVA	01/30/2015
JOHN MEMMOTT	01/30/2015

RECEIVING PARTY DATA

Name:	ABBVIE INC.	
Street Address:	1 NORTH WAUKEGAN ROAD	
City:	NORTH CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60064	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14580818

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	031777-1778-US03
NAME OF SUBMITTER:	LISA V. MUELLER
SIGNATURE:	/Lisa V. Mueller/
DATE SIGNED:	02/18/2015

Total Attachments: 4

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PATENT REEL: 035023 FRAME: 0470

ASSIGNMENT

WHEREAS, Lili Huang, Philip D. Bardwell, Yuliya Kutskova, and John Memmott, hereinafter called the "Assignors" have made the invention described in the United States patent application entitled "COMPOSITION AND METHOD FOR THE DIAGNOSIS AND TREATMENT OF DISEASES ASSOCIATED WITH NEURITE DEGENERATION" that has a U.S. Patent Application Number of 14/580,818, filed on December 23, 2014.

WHEREAS, AbbVie Inc., a corporation, having a place of business at 1 North Waukegan Road, North Chicago IL 60064, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below.

NOW THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and Assignors' legal representative, that Assignors have the full right to convey the interest assigned by this Assignment; and that the Assignors will assist the Assignee in the prosecution of the patent applications identified above, in the making and prosecution of any other applications that the Assignee may elect to make covering the invention identified above, in vesting in the Assignee like exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in enforcement of any rights arising out of the Assignment; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Agreement.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor(s) has executed this agreement.

DATED: 1/30/2015

DATED: 1/30/2015

DATED: 1/30/2015

Philip D. Bardwell

ASSIGNMENT

WHEREAS, Lili Huang, Philip D. Bardwell, Yuliya Kutskova, and John Memmott, hereinafter called the "Assignors" have made the invention described in the United States patent application entitled "COMPOSITION AND METHOD FOR THE DIAGNOSIS AND TREATMENT OF DISEASES ASSOCIATED WITH NEURITE DEGENERATION" that has a U.S. Patent Application Number of 14/580,818, filed on December 23, 2014.

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IN TESTIMONY WHEREOF, the Assignor(s) has executed this agreement.

DATED:	Lili Huang
DATED: 1/22/15	Philip D. Bardwell
DATED:	Yuliya Kutskova
DATED:	John Memmott