

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRIS CHUMSAE	10/01/2014
<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: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13803808
<b>PCT Number:</b>	US2013031380
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	MARCIE B. CLARKE, J.D., PH.D.
<b>SIGNATURE:</b>	/Marcie B. Clarke/
<b>DATE SIGNED:</b>	10/23/2014
<b>Total Attachments: 2</b>	
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source=117813_73601_20_Assignment (executed by C. Chumsae)#page2.tif	

## ASSIGNMENT BY INVENTORS

I, Chris Chumsae, of North Andover, Massachusetts in consideration of One Dollar and other valuable consideration paid to me by

AbbVie, Inc.

a Corporation organized and existing under the laws of Delaware, having a place of business at 1 North Waukegan Road, North Chicago, Illinois 60064 USA ("AbbVie"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

AbbVie, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

### PROTEIN PURIFICATION USING DISPLACEMENT CHROMATOGRAPHY

described in an application

☐ Executed by us of even date herewith and about to be filed

and

☒ U.S. Application No. 13/803,808, filed on March 14, 2013  
PCT Application No. PCT/US2013/031380, filed on March 14, 2013

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said Corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said Corporation, its successors and assigns, the legal title to all such patents.


And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Corporation, its successors and assigns.

  
Chris Chumsae

Date: October 1, 2014

United States of America  
Commonwealth of Massachusetts ss.:  
County of Norchester

On this 1 day of October, 2014 before me, the  
the undersigned notary public, personally appeared Chris Chumsae  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was that he is known to me personally, to be the person whose name  
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)  
My commission expires February 9, 2018

