

<b>PATENT ASSIGNMENT COVER SHEET</b>
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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>
ALANE E. WENTZ	01/16/2015
DON HEMMAVANH	01/16/2015
JOSEPH G. MATUCK	01/16/2015
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	60064
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14506372
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	561973_ BBI-929
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER D. SOUTHGATE
<b>SIGNATURE:</b>	/Christopher Southgate/
<b>DATE SIGNED:</b>	01/22/2015
<b>Total Attachments: 4</b>	
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ASSIGNMENT

WHEREAS, we, **Alane E. Wentz** of Grafton, Massachusetts, a citizen of the United States of America; **Don Hemmavanh** of Worcester, Massachusetts, a citizen of the United States of America; and **Joseph G. Matuck** of Worcester, Massachusetts, a citizen of the United States of America; have invented a certain new and useful invention entitled:

**USE OF METAL IONS FOR MODULATION OF PROTEIN GLYCOSYLATION  
PROFILES OF RECOMBINANT PROTEINS**

**U.S. Patent Application No.: 14/506,372, filed October 3, 2014;**

for which we are about to make or have made application for Letters Patent of the United States; and

WHEREAS, **ABBVIE, INC.**, having its principal place of business at, One North Waukegan Road, North Chicago, Illinois 60064, United States of America, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, **Alane E. Wentz**, **Don Hemmavanh**, and **Joseph G. Matuck** have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **ABBVIE, INC.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said application;

(c) any and all refilings, divisions, continuations and continuations-in-part of said applications;

(d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;

(e) any and all reissues and reexaminations of said Letters Patent of the United States of America;

(f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;

(g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

We, **Alane E. Wentz**, **Don Hemmavanh**, and **Joseph G. Matuck** further agree that upon request we will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **ABBVIE, INC.**, or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **ABBVIE, INC.**, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date October 3, 2014.

1/16/2015  
Date:

Alane E. Wentz  
Alane E. Wentz

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

WITNESS  
Worcester MA  
Signed At (City/State)  
Jill Mason  
Name  
Jill Mason  
Signature  
01/16/2015  
Date

01/16/2015  
Date:

Don Hemmavanh  
Don Hemmavanh

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

WITNESS  
Worcester, MA  
Signed At (City/State)  
Jill Mason  
Name  
Jill Mason  
Signature  
01/16/2015  
Date

Date: 01/16/15

Joseph G. Matuck  
Joseph G. Matuck

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

WITNESS

Worcester, MA  
Signed At (City/State)

Jill Mason  
Name

Jill Mason  
Signature

01/16/2015  
Date