# 503222498 03/17/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3269114

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
NATARAJAN RAMASUBRAMAN	IYAN	11/20/2013
LIHUA YANG		11/08/2013
MATTHEW OMON HERIGSTAD		11/08/2013
HONG YANG		11/08/2013
KARTIK SUBRAMANIAN		11/08/2013
XIAOBEI ZENG		11/14/2013
DIANE D. DONG		11/08/2013
WEN CHUNG LIM		11/08/2013
KATHREEN A. GIFFORD		11/08/2013
ZEHRA KAYMAKCALAN		11/08/2013
CHRISTOPHER CHUMSAE		09/03/2014

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:	14575691

#### **CORRESPONDENCE DATA**

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent<br/>using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Email:kmclaughlin@mccarter.comCorrespondent Name:MCCARTER & ENGLISH, LLPAddress Line 1:265 FRANKLIN STREETAddress Line 4:BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER: 11

## PATENT REEL: 035184 FRAME: 0254

NAME OF SUBMITTER:	LISA TYNER
SIGNATURE:	/Lisa Tyner/
DATE SIGNED:	03/17/2015
Total Attachments: 15	
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#### 117813-73901-73902

#### ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") hereby sells, assigns, and transfers, unto

#### ABBVIE INC.

1 North Waukegan Road North Chicago, Illinois 60064 United States of America

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

#### LOW ACIDIC SPECIES COMPOSITIONS AND METHODS FOR PRODUCING AND USING THE SAME

described in an application

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

and

X Application No. 14/077,871, filed on November 12, 2013 Application No. 61/893,068, filed on October 18, 2013

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified applications and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for

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## PATENT REEL: 035184 FRAME: 0256

the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **McCarter & English, LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English**, LLP do not personally represent ASSIGNOR OR ASSIGNOR'S legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel. U.S.S.N.: 14/077,871 U.S.S.N.: 61/893,068 Attorney Docket No. 117813-73902 Attorney Docket No. 117813-73901

heistopher Chumsae September 3,2014 Date: United States of Ameri Commonwealth of ) ss.: County of before me, the day of On this Christopher Chumsae the undersigned notary public, personally appeared (name of document signer), proved to me through satisfactory evidence of identification, that he is known to me personally, to be the person whose name which was is signed on the preceding or attached document in my presence. (official signature and seal of notary) MMI My commission expires



3

## ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") hereby sells, assigns, and transfers, unto

### ABBVIE INC.

1 North Waukegan Road North Chicago, Illinois 60064 United States of America

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

## LOW ACIDIC SPECIES COMPOSITIONS AND METHODS FOR PRODUCING AND USING THE SAME

described in an application

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

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ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in

PATENT REEL: 035184 FRAME: 0259 the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

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Executed this AD day of AMM 2.2013.

Natarajan RAMASUS RAMANYAN

United States of America State of County of member day of 🔪 2013 On this before me, the , , the undersigned notary public, personally appeared Natarajan RAMASUBRAMANYAN (name of document signer), proved to me through satisfactory evidence of identification, that he is known to me personally, to be the person whose name which was is signed on the preceding or attached document in my presence.

(official signature and seal of notary) February 0 My/confirmission expires



Executed this Sh day of Unember 2013.				
	Vilikua 4			
United States of America State of America County of Nacester,				
On this the undersigned notary public, personally appeared (name of document signer), proved to me through satis which was that he is known to me personally is signed on the preceding or attached document in my	y, to be the person whose name			
(official signature and seal of notary) My commission expires February 9,2018				
ALL MARCH Manay Public Status Subscript Commission Expires Fast 9, 2018				

Executed this day of Omember 2013. Matthew Omon HERIGSTAD United States of America State of County of day of Ň On this MON 2013 YN 12 before me, the the undersigned notary public, personally appeared Matthew Omon HERIGSTAD (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) IN My(cophmission expires

Executed this \_\_\_\_\_\_ day of 1 Hone United States of Americ State of County of day of MOM 2013 On this before me, the the undersigned notary public, personally appeared Hong YANG (name of document signer), proved to me through satisfactory evidence of identification, that he is known to me personally , to be the person whose name which was is signed on the preceding or attached document in my presence. (official signature and seal of notary) )UDh M& commission expires dary 86 ires Fab 9, 2018

Executed this \_\_\_\_\_\_ day of Norenber 2013. Kartik SUBRAMANIAN United States of America State of County of day of Norember 2013 On this before me, the the undersigned notary public, personally appeared **Kartik SUBRAMANIAN** (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) MJAh My commission expires MI 1 164.909 9. 2018

Executed this 14 day of N Dvember, 2013.
Xiaobei ZENG
United States of America State of <u>Puerto 14 Co</u> County of <u>Baice lo refn</u>
On this 14 day of NOVEMEL, 2013 before me, the the undersigned notary public, personally appeared Xiaobei ZENG (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, of legalage, matted, amplitude or dulated of audited, methodical amplitude of dulated of notary 1000 My commission expires where the personal of notary 10000 My commission expires where the personal of notary 100000 My commission expires where the personal of notary 100000 My commission expires where the personal of notary 1000000 My commission expires wher
A Indourt 4 6799 $a interverse}$ $a interverse}$ a i

Executed this the day of Manbol 2013. Diane D. DONG United States of Americ State of County of MON day of On this 2013 before me, the the undersigned notary public, personally appeared Diane D. DONG (name of document signer), proved to me through satisfactory evidence of identification, that he is known to me personally \_\_\_\_\_, to be the person whose name which was is signed on the preceding or attached document in my presence. (official signature and seal of notary) NUON My commission expires #11 #16#O# 8. 2018

Executed this 8th day of Norembor, 2013.
Wen Chung LIM
United States of America ) State of <u>Massachusetk</u> County of <u>NorceSter2</u>
On this day of <u>2013</u> before me, the the undersigned notary public, personally appeared <u>Wen Chen 1-IM- Wen Chung Lim</u> (name of document signer), proved to me through satisfactory evidence of identification, <u>1</u> which was <u>that he is known to me personally</u> , 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 Flanding 9, 2018
ALL MARGON Manay Franks Mana and hand based Committation Explores France 5, 2018.

Executed this \_\_\_\_\_\_ day of Nonber 2013. Cartenin a. Cellon United States of America State of County of day of 2013 before me, the On this ,9 the undersigned notary public, personally appeared Kathreen A. GIFFORD (name of document signer), proved to me through satisfactory evidence of identification, that he is known to me personally , to be the person whose name which was is signed on the preceding or attached document in my presence. (official signature and seal of notary) Chin My commission expires 

Executed this \_\_\_\_\_ day of Monther \_2013.

binesactusette Commission Expires Feb 9, 2018

John Kaymakcela

United States of America State of Most County of Most County of	
On this day of how by , 2013 before me, the the undersigned notary public, personally appeared Zehra KAYMAKCALAN	
(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	1 2
is signed on the preceding or attached document in my presence.	
(official signature and seal of notary) My commission expires FCAUAY 9, 2018	

**RECORDED: 03/17/2015**