

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3269224

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NATARAJAN RAMASUBRAMANYAN	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
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:	14584619
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	kmclaughlin@mccarter.com
Correspondent Name:	MCCARTER & ENGLISH, LLP
Address Line 1:	265 FRANKLIN STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	117813-73904

NAME OF SUBMITTER:	LISA TYNER
SIGNATURE:	/Lisa Tyner/
DATE SIGNED:	03/17/2015
Total Attachments: 15 source=117813-73904_EXECUTED_ASSIGNMENT#page1.tif source=117813-73904_EXECUTED_ASSIGNMENT#page2.tif source=117813-73904_EXECUTED_ASSIGNMENT#page3.tif source=117813-73904_EXECUTED_ASSIGNMENT#page4.tif source=117813-73904_EXECUTED_ASSIGNMENT#page5.tif source=117813-73904_EXECUTED_ASSIGNMENT#page6.tif source=117813-73904_EXECUTED_ASSIGNMENT#page7.tif source=117813-73904_EXECUTED_ASSIGNMENT#page8.tif source=117813-73904_EXECUTED_ASSIGNMENT#page9.tif source=117813-73904_EXECUTED_ASSIGNMENT#page10.tif source=117813-73904_EXECUTED_ASSIGNMENT#page11.tif source=117813-73904_EXECUTED_ASSIGNMENT#page12.tif source=117813-73904_Executed_Assignment_Chumsae#page1.tif source=117813-73904_Executed_Assignment_Chumsae#page2.tif source=117813-73904_Executed_Assignment_Chumsae#page3.tif	

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

☒ U.S. Provisional Application Serial No. 61/893,068, filed 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 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, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; 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.

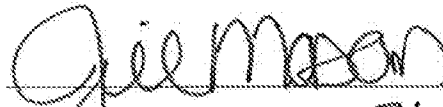
ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English, LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

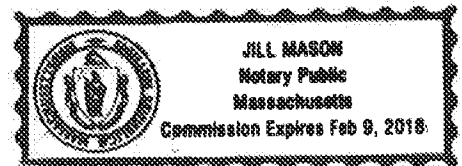
Executed this 20 day of November 2013.


Natarajan RAMASUBRAMANYAN

United States of America)
State of Massachusetts)
County of Worcester)

On this 20 day of November, 2013 before me, the
the undersigned notary public, personally appeared Natarajan RAMASUBRAMANYAN
(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



Executed this 8th day of November 2013.

Lihua YANG
Lihua YANG

United States of America)
State of Massachusetts)
County of Worcester)

On this 8th day of November, 2013 before me, the
the undersigned notary public, personally appeared Lihua YANG
(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.

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

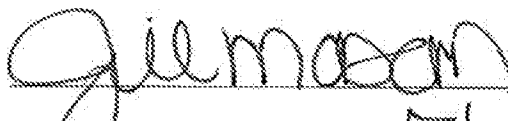


Executed this 8th day of November 2013.


Matthew Omon HERIGSTAD

United States of America
State of Massachusetts
County of Worcester

On this 8th day of November, 2013 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)
My commission expires February 9, 2018

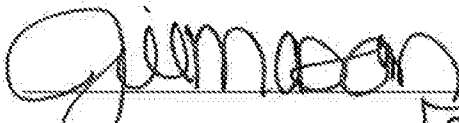


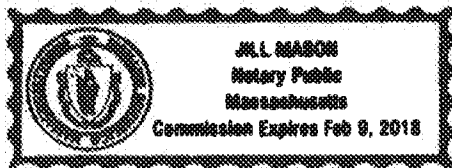
Executed this 8th day of November 2013.


Hong YANG

United States of America
State of Massachusetts
County of Norfolk

On this 8th day of November, 2013 before me, the
the undersigned notary public, personally appeared Hong YANG
(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



Executed this 8th day of November, 2013.

Kartik SUBRAMANIAN
Kartik SUBRAMANIAN

United States of America

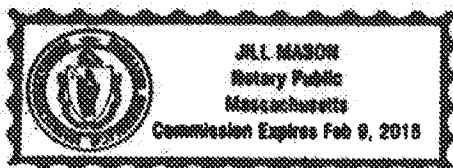
State of

County of

Massachusetts
Norchester

On this 8th day of November, 2013, 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.

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



Executed this 14 day of November, 2013.

Xiaobei ZENG

United States of America

State of

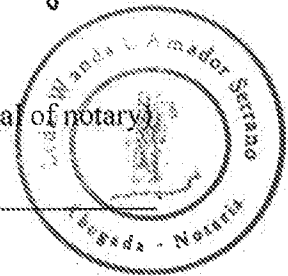
County of

Puerto Rico
Barcelona

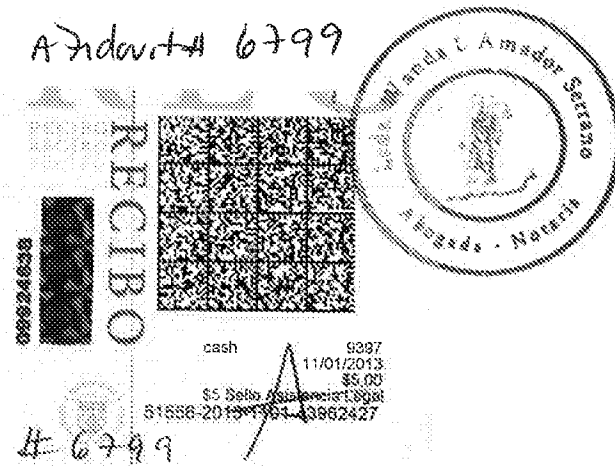
On this 14 day of November, 2013 before me, the
the undersigned notary public, personally appeared Xiaobei ZENG
(name of document signer), proved to me through satisfactory evidence of identification,
which was that he is known to me personally, to be the person whose name
is signed on the preceding or attached document in my presence, of legal age, married,
employee and resident of Carolina, Puerto Rico

[Signature] (official signature and seal of notary)

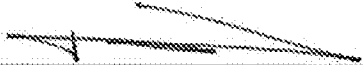
My commission expires is permanent



A Indent # 6799



Executed this 8th day of November 2013.


Diane D. DONG

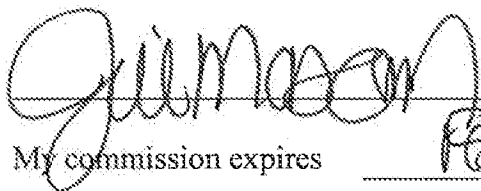
United States of America

State of

County of

Massachusetts
Norfolk

On this 8th day of November, 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,
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



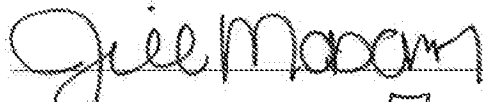
Executed this 8th day of November, 2013.

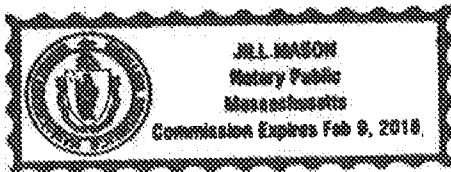


Wen Chung LIM

United States of America)
State of Massachusetts)
County of Worcester)

On this 8th day of November, 2013, before me, the
the undersigned notary public, personally appeared ~~Wen Chen LIM~~ Wen Chung Lim
(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



Executed this 8th day of November, 2013.

Kathleen A. Gifford
Kathleen A. GIFFORD

United States of America

State of

County of

Massachusetts
Worcester

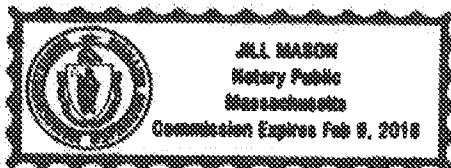
On this 8th day of November, 2013 before me, the
the undersigned notary public, personally appeared Kathleen A. GIFFORD
(name of document signer), proved to me through satisfactory evidence of identification,
which was that he is known to me personally, to be the person whose name
is signed on the preceding or attached document in my presence.

Jill Mason

(official signature and seal of notary)

My commission expires

February 9, 2018



Executed this 8th day of November, 2013.

Zehra Kaymakcalan
Zehra KAYMAKCALAN

United States of America

State of

County of

Massachusetts
Worcester

On this 8th day of November, 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
is signed on the preceding or attached document in my presence.

Jill Mason
My commission expires

(official signature and seal of notary)

February 9, 2018



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

☒ 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

U.S.S.N.: 14/077,871
U.S.S.N.: 61/893,068

Attorney Docket No. 117813-73902
Attorney Docket No. 117813-73901

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, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; 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.

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U.S.S.N.: 14/077,871
U.S.S.N.: 61/893,068

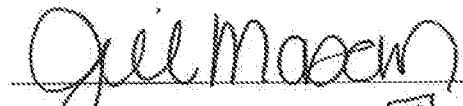
Attorney Docket No. 117813-73902
Attorney Docket No. 117813-73901


Christopher Chumsae

Date: September 3, 2014

United States of America
Commonwealth of Massachusetts) ss.:
County of Worcester

On this 3 day of September, 2014 before me, the
the undersigned notary public, personally appeared Christopher 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

