05/02/2019 505456505

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5503308

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME TO MICHAEL REILLY, WHICH WAS MISSPELLED DUE TO A TYPO AS MICHALE REILLY previously recorded on Reel 049020 Frame 0260. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
JOSE CARLOS GARCIA-GARCIA	04/18/2019
GEORGE FRANKLIN GERBERICK	03/22/2019
MICHAEL REILLY	04/29/2019

RECEIVING PARTY DATA

Name:	The Procter & Gamble Company	
Street Address:	One Procter & Gamble Plaza	
Internal Address:	Attn: Chief Patent Counsel	
City:	Cincinnati	
State/Country:	OHIO	
Postal Code:	45202	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16149882

CORRESPONDENCE DATA

Fax Number: (513)855-3019

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.

Phone: 513-983-8009

Email: wayman.la@pg.com CENTRAL DOCKETING **Correspondent Name:**

ONE P&G PLAZA Address Line 1:

Address Line 2: GO-C9

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	14954ML
NAME OF SUBMITTER:	JAMES E OEHLENSCHLAGER
SIGNATURE:	/JEO/
DATE SIGNED:	05/02/2019

Total Attachments: 7

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GLOBAL GENERAL ASSIGNMENT

WHEREAS I/we, the undersigned inventor(s) hereby declare that I/we, alone or jointly with the other inventor(s) identified herein, have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled METHODS FOR INHIBITING CONVERSION OF CHOLINE TO TRIMETHYLAMINE (TMA), Attorney's Docket No. 14954ML& and filed in the United States Patent Office as Serial Number 16/149,882, on October 2, 2018 and/or the corresponding application filed in the PCT as Serial Number — , on _______ (I/we grant the hereinafter named assignee and/or any person authorized thereby, the power to insert in this document, the Serial Number and filing date of each application identified above when ascertained.) having named inventors:

Jose Carlos GARCIA-GARCIA of One Procter & Gamble Plaza, Cincinnati, OH, 45202, USA; George Franklin GERBERICK of One Procter & Gamble Plaza, Cincinnati, OH, 45202, USA; Michael REILLY of One Procter & Gamble Plaza, Cincinnati, OH, 45202, USA; Stanley Leon HAZEN of Cleveland Clinic, 9500 Euclid Avenue, Cleveland Ohio, 44195, US Xiaodong GU of Cleveland Clinic, 9500 Euclid Avenue, Cleveland Ohio, 44195, US

I/We made said invention(s) set forth in said patent application while employed by, or otherwise under an obligation to assign said invention(s) to The Procter & Gamble Company or one of its Affiliates, and acknowledge my/our obligation at the time the invention(s) was made to assign said invention(s) to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation (and in the case of employment by or obligation to the Affiliate, at the request of the Affiliate), and/or for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, my/our entire right, title, and interest, in the United States and throughout the world, in, to and under said invention(s) and all patents, patent applications, patent rights, and inventor's certificates thereof, therefore, and therein, including without limitation said application, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all patents which may be granted for said invention(s) by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefore (including the right to claim priority of the filing date of said application in the United States and/or under international conventions), as fully and completely as the same would have been held by me/us had this assignment not been made. My/our entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree to, without additional compensation but at no expense to me/us, execute or assent to any and all applications for said invention(s), execute all other legal documents as may be necessary or desirable to vest and maintain the enjoyment of the rights assigned, and to cooperate with The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct, in any pregrant, post-grant or other proceedings relating to the rights assigned herein.

I/We request and authorize the Commissioner of Patents and Trademarks and/or appropriately empowered officials of foreign countries to issue any and all Patent(s) and/or letters patent(s) which may be granted for said invention(s) herein assigned and as set forth in U. S. Application Serial Number to The Procter & Gamble Company, its legal representatives, successors or assigns, as assignee of my/our entire right, title, and interest in said Patent(s).

This GLOBAL GENERAL ASSIGNMENT is effective as of the earlier of 1) the date of execution shown below, or 2) the filing date of the first-filed of said patent application(s).

is of the same force and effect as if made unde knowingly making false statements herein may be Witness printed name Signed: Michael REILLY STATEMENT OF WITNESS: I declare that I was personally present and did set assignment. I make this Statement conscientious!	Date Michael REILLY duly sign and execute the above y believing it to be true and knowing that it is of the affirmation, and with the knowledge that above y believing it to be true and knowing that it is of the affirmation, and with the knowledge that knowingly
is of the same force and effect as if made unde knowingly making false statements herein may be Witness printed name Signed: Michael REILLY	er oath or affirmation, and with the knowledge that punishable by law. Witness signature
is of the same force and effect as if made unde knowingly making false statements herein may be Witness printed name	er oath or affirmation, and with the knowledge that punishable by law. Witness signature
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is of the same force and effect as if made unde knowingly making false statements herein may be	er oath or affirmation, and with the knowledge that punishable by law.
is of the same force and effect as if made unde	er oath or affirmation, and with the knowledge that
	George Franklin GERBERICK duly sign and execute
STATEMENT OF WITNESS:	
Signed: George Franklin GERBERICK	 Date
Witness printed name	Witness signature
is of the same force and effect as if made unde knowingly making false statements herein may be	scientiously believing it to be true and knowing that it er oath or affirmation, and with the knowledge that punishable by law.
I declare that I was personally present and did see J	ose Carlos GARCIA-GARCIA duly sign and execute
STATEMENT OF WITNESS:	
CTLATION CONTRACTOR VICENCE	
Signed: Jose Carlos GARQÍA-GARCIA	Date

Global_General_Assignment_for_PG_inventor.doc Rev. May 2017

GLOBAL GENERAL ASSIGNMENT

	WHEREA	S I/we,	the under	signed i	nventor(s) hereby	declare	that I/we	, alone :	or ioint	ly with
the of	her invente	or(s) ide	ntified h	erein, ha	ive made	certain	inventio	m(s), as	set fort	h in a	patent
applic	ation (inclu	ding ind	ustrial de	signs an	d utility r	nodels),	whether	claimed	or uncla	imed.	entitled
METH	iods for	INHIBI	TING C	ONVER	SION OF	CHOLL	NE TO	TRIMET	HYLAN	MINE (TMA).
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16/149),882, on (October 3	2, 2018 a	und/or th	e corresp	onding	applicati	on filed	in the 1	CT as	Serial
Numb	or	inn maide diagramatica.	, on		(I/we	grant th	e hereina	ifter name	ed assign	iee and	/or anv
person	authorized pplication i	thereby,	, the pow	er to insi	ert in this	docume	nt, the S	erial Nun	iber and	filing	date of
	. .					Action Controlly Marie	assime arriva	RESERVED.			

Jose Carlos GARCIA-GARCIA of One Procter & Gamble Plaza, Cincionati, OH, 45202, USA;

George Franklin GERBERICK of One Procter & Gamble Plaza, Cincinnati, OH, 45202, USA;

Michael REILLY of One Procter & Gamble Plaza, Cincinnati, OH, 45202, USA; Stanley Leon HAZEN of Cleveland Clinic, 9500 Euclid Avenue, Cleveland Ohio, 44195, US Xiaodong GU of Cleveland Clinic, 9500 Euclid Avenue, Cleveland Ohio, 44195, US

I/We made said invention(s) set forth in said patent application while employed by, or otherwise under an obligation to assign said invention(s) to The Procter & Gamble Company or one of its Affiliates, and acknowledge my/our obligation at the time the invention(s) was made to assign said invention(s) to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation (and in the case of employment by or obligation to the Affiliate, at the request of the Affiliate), and/or for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, my/our entire right, title, and interest, in the United States and throughout the world, in, to and under said invention(s) and all patents, patent applications, patent rights, and inventor's certificates thereof, therefore, and therein, including without limitation said application, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all patents which may be granted for said invention(s) by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefore (including the right to claim priority of the filing date of said application in the United States and/or under international conventions), as fully and completely as the same would have been held by me/us had this assignment not been made. My/our entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree to, without additional compensation but at no expense to me/us, execute or assent to any and all applications for said invention(s), execute all other legal documents as may be necessary or desirable to vest and maintain the enjoyment of the rights assigned, and to cooperate with The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct, in any pre-grant, post-grant or other proceedings relating to the rights assigned herein.

This GLOBAL GENERAL ASSIGNMENT is effective as of the earlier of 1) the date of execution shown below, or 2) the filing date of the first-filed of said patent application(s).

Signed: Jose Carlos GARCIA-GARCIA	Date
STATEMENT OF WITNESS:	
evenue the shows assignment. I make this l	id see Jose Carlos GARCIA-GARCIA duly sign and Statement conscientiously believing it to be true and set as if made under oath or affirmation, and with the sents herein may be punishable by law.
Witness printed name	Witness signature
Signed: // // // // George Franklin GERBERICK	
STATEMENT OF WITNESS:	
execute the above assignment. I make this	did see <u>George Franklin GERBERICK</u> duly sign and Statement conscientiously believing it to be true and ect as if made under eath or affirmation, and with the tents herein may be punishable by law.
<u> Min C. KloSowSV</u> Witness printed name	<u>Lynd C. Klastupki.</u> Withese signature
Signed:	
Michael REILLY	Daie
STATEMENT OF WITNESS:	
assignment. I make this Statement conscienti-	I see Michael REILLY duly sign and execute the above ously believing it to be true and knowing that it is of the or affirmation, and with the knowledge that knowingly able by law.
Witness printed name	Witness signature

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GLOBAL GENERAL ASSIGNMENT

WHEREAS I/we, the undersigned inventor(s) hereby declare that I/we, alone or jointly with the other inventor(s) identified herein, have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled METHODS
Docket No. 14954ML& and filed in the United States Patent Office on Social New 1407440 Control of the United States Patent Office on Social New 1407440 Control of the Cont
on (I/we grant the hereinafter newed as Serial Number
authorized thereby, the power to insert in this document, the Serial Number and filing date of each application identified above when ascertained.) having named inventors:

Jose Carlos GARCIA-GARCIA of One Procter & Gamble Plaza, Cincinnati, OH, 45202, USA; George Franklin GERBERICK of One Procter & Gamble Plaza, Cincinnati, OH, 45202, USA; Michael REILLY of One Procter & Gamble Plaza, Cincinnati, OH, 45202, USA; Stanley Leon HAZEN of Cleveland Clinic, 9500 Euclid Avenue, Cleveland Ohio, 44195, US Xiaodong GU of Cleveland Clinic, 9500 Euclid Avenue, Cleveland Ohio, 44195, US

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I/We request and authorize the Commissioner of Patents and Trademarks and/or appropriately empowered officials of foreign countries to issue any and all Patent(s) and/or letters patent(s) which may be granted for said invention(s) herein assigned and as set forth in U. S. Application Serial Number to The Procter & Gamble Company, its legal representatives, successors or assigns, as assignee of my/our entire right, title, and interest in said Patent(s).

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Signed:	
Jose Carlos GARCIA-GARCIA	Date
STATEMENT OF WITNESS:	
the above assignment. I make this Statement con	Jose Carlos GARCIA-GARCIA duly sign and execute scientiously believing it to be true and knowing that it er oath or affirmation, and with the knowledge that e punishable by law.
Witness printed name	Witness signature
Signed: George Franklin GERBERICK	 Date
STATEMENT OF WITNESS:	
the above assignment. I make this Statement cons	George Franklin GERBERICK duly sign and execute scientiously believing it to be true and knowing that it or oath or affirmation, and with the knowledge that punishable by law.
Witness printed name	Witness signature
Signed: Www.lfully Michael REILLY STATEMENT OF WITNESS:	april 29, 2019 Date

I declare that I was personally present and did see <u>Michael REILLY</u> duly sign and execute the above assignment. I make this Statement conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath or affirmation, and with the knowledge that knowingly making false statements herein may be punishable by law.

Witness printed name

Global_General_Assignment_for_PG_inventor.doc Rev. May 2017

PATENT REEL: 049058 FRAME: 0561

Meresah (Mejarder)
Witness signature

505450228 04/29/2019

EPAS ID: PAT5497029

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSE CARLOS GARCIA-GARCIA	04/18/2019
GEORGE FRANKLIN GERBERICK	03/22/2019
MICHALE REILLY	04/29/2019

RECEIVING PARTY DATA

Name:	The Procter & Gamble Company	
Street Address:	One Procter & Gamble Plaza	
Internal Address:	Attn: Chief Patent Counsel	
City:	Cincinnati	
State/Country:	OHIO	
Postal Code:	45202	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16149882

CORRESPONDENCE DATA

Fax Number: (513)855-3019

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.

Phone: 513-983-8009

Email: wayman.la@pg.com

Correspondent Name: CENTRAL DOCKETING

Address Line 1: ONE P&G PLAZA

Address Line 2: GO-C9

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	14954ML
NAME OF SUBMITTER:	JAMES E OEHLENSCHLAGER
SIGNATURE:	/JEO/
DATE SIGNED:	04/29/2019

Total Attachments: 6

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RECORDED: 05/02/2019 REEL: 049058 FRAME: 0562