PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5531034

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROGER KEI AOKI	04/13/2015
LANCE STEWARD	04/13/2015
JOSEPH FRANCIS	04/13/2015

RECEIVING PARTY DATA

Name:	ALLERGAN, INC.
Street Address:	2525 DUPONT DRIVE
Internal Address:	TOWER TWO, 7TH FLOOR
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92612

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16416435

CORRESPONDENCE DATA

Fax Number:

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.

Email: INDOCKET@BTLAW.COM

Correspondent Name: GENE YAO

Address Line 1: 1000 N. WEST STREET

Address Line 2: SUITE 1500

Address Line 4: WILMINGTON, DELAWARE 19801-1054

ATTORNEY DOCKET NUMBER:	75874-295559
NAME OF SUBMITTER:	GENE J. YAO
SIGNATURE:	/Gene J. Yao/
DATE SIGNED:	05/20/2019

Total Attachments: 6

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PATENT 505484230 REEL: 049230 FRAME: 0071

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PATENT REEL: 049230 FRAME: 0072

MORRIS, MANNING & MARTIN, LLP

ASSIGNMENT OF AN APPLICATION

ATTORNEY DOCKET NO.	
21027/103354	
FIRST NAMED INVENTOR	
Peter JAMES	
U.S. APPLICATION SERIAL NO. (If known)	
14/422 574	

WHEREAS, we, Irvine, CA Roger Kei AOKI , residing in Lance STEWARD , residing in Irvine, CA Irvine, CA Joseph FRANCIS , residing in made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States under U.S. Application Serial Number the specification of which was filed on August 27, 2013 , and which is entitled International Application No. PCT/GB2013/052243 FUSION PROTEINS AND METHODS FOR TREATING, PREVENTING OR AMELIORATING PAIN (Title of the Invention) , a corporation having an Allergan, Inc. AND WHEREAS Tower Two, 7th Floor, 2525 Dupont Circle, Irvine, CA 92612, US office and place of business at (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions,

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

improvements and application and in and to the Letters Patent to be obtained therefor;

PATENT REEL: 035698 FRAME: 0170 PATENT

REEL: 049200 FRAME: 0070

Assignment of an Application U.S. Patent Application Serial No. 14/422,574 Page 2 of 2

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

The undersigned hereby grant(s) the firm Morris, Manning & Martin, LLP the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

4/27/15	15i. 12mHdc'
DATE	(Signature of Roger Kei AOKI)
DATE	(Signature of Lance Steward)
DATE	(Signature of Joseph FRANCIS)

PATENT REEL: 035698 FRAME: 0171

PATENT REEL: 049900 FRAME: 0074

MORRIS, MANNING & MARTIN, LLP

ASSIGNMENT OF AN APPLICATION

•	ATTORNEY DOCKET NO.
	21027/103354
	FIRST NAMED INVENTOR
	Peter JAMES
	U.S. APPLICATION SERIAL NO. (If known)
	14/422,574

WHEREAS, we,				
Roger Kei AOKI	, residing in	Irvine, CA Irvine, CA		
Lance STEWARD	, residing in			······································
Joseph FRANCIS	, residing in	***************************************	Irvine, CA	·············
made certain new and useful inventions			led an application for	Modern
Letters Patent of the United States unde	r U.S. Applicati	on Serial Number	14/422,574 ,	
the specification of which was filed on	August 27, 2013		, as	
International Application No.	PCT/GB2013/052243		, and which is entitled	
FUSION PROTEINS AND METI		CEATING, PREV AIN	ENTING OR AMELIORATI	NG
	(Title of the	e Invention)	# The au and a 14 and	
AND WHEREAS	Allerga	n, Inc.	, a corporation having a	n
office and place of business at	Tower Two, 7th Floor, 2525 Dupont Circle, Irvine, CA 92612, US			
(hereinafter "Assignee") is desirous of	acquiring the en	tire right, title and i	nterest in and to said inventions	********

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

improvements and application and in and to the Letters Patent to be obtained therefor;

REEL: 035698 FRAME: 0172

REEL: 049900 FRAME: 0079

Assignment of an Application U.S. Patent Application Serial No. 14/422,574 Page 2 of 2

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

The undersigned hereby grant(s) the firm Morris, Manning & Martin, LLP the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

DATE	(Signature of Roger Kei AOKI)
Apr. 13 2015 DATE	(Signature of Lance Steward)
DATE	(Signature of Joseph FRANCIS)

PATENT REEL: 035698 FRAME: 0173 PATENT

REEL: 049900 FRAME: 0076

MORRIS, MANNING & MARTIN, LLP

ASSIGNMENT OF AN APPLICATION

A 2 28 C 25 40 A 25 A 25

STORMEY DOCKET HO
21027/103354

FREE NAMED INVESTIGE
POTOY JAMES
US APPLICATION SERVEL HO (CERTAIN)
14/422,574

WHEREAS, we,			
Roger Kei AOKI	, residing in		Irvine, CA .
Lance STEWARD	, residing in		Irvine, CA .
Joseph FRANCIS	, residing in		isvine, CA .
made certain new and useful inventions	and improvemen	nts for which we fi	led an application for
Letters Patent of the United States under	r U.S. Applicatio	m Serial Number	14/422,574 ,
the specification of which was filed on	Aug	usi 27, 2013	, as
International Application No.	PCT/GB2	2013/052243	, and which is entitled
FUSION PROTEINS AND METI		EATING, PREV	ENTING OR AMELIORATING
	(Tille of the	(Invention)	
AND WHEREAS	Allergai	s, fac.	, a corporation having an
office and place of business at	Tower Two	. 7 th Floor, 2525 D	upont Circle, Irvine, CA 92612, US
(hereinafter "Assignee") is desirous of	acquiring the en	tire right, title and	interest in and to said inventions,
improvements and application and in a	nd to the Letters	Patent to be obtain	ed therefor;

DOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the international Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

PATENT REEL: 035698 FRAME: 0174 PATENT

REEL: 049200 FRAME: 0077

Assignment of an Application U.S. Patent Application Serial No. 14/422,574 Page 2 of 2

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications. Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we coverant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and properly herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

The undersigned hereby grant(s) the firm Morris, Manning & Martin, LLP the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

DATE	(Signature of Roger Kei AOKI)
DATE	(Signature of Jones Steward)
April 21, 2015	(Sijjature of Joseph FRANCIS)

RECORDED: 05/22/2015

RECORDED: 06/29/2019

REEL: 035698 FRAME: 0175 PATENT

PATENT

REEL: 049200 FRAME: 0078