

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5330151

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CRAIG COBURN	06/28/2017
JOSEPH VACCA	06/29/2017
RECEIVING PARTY DATA	
Name:	WUXI APPTEC (SHANGHAI) CO., LTD.
Street Address:	288 FUTE ZHONG ROAD
Internal Address:	WAIGAOQIAO FREE TRADE ZONE
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	200131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15996660
CORRESPONDENCE DATA	
Fax Number:	(925)472-8895
<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>	
Phone:	9254725000
Email:	sguevara@kilpatricktownsend.com
Correspondent Name:	ANDREW DAVID PRESLEY
Address Line 1:	KILPATRICK TOWNSEND & STOCKTON LLP
Address Line 2:	1100 PEACHTREE STREET, SUITE 2800
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	098460-000330US-1089914
NAME OF SUBMITTER:	SVETLANA GUEVARA
SIGNATURE:	/Svetlana Guevara/
DATE SIGNED:	01/17/2019
Total Attachments: 5	
source=Signed Assignment_Inventors to WuXi AppTec(Shanghai)_300_400#page1.tif	
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ASSIGNMENT
(Patent Applications)

We, the undersigned, have invented certain inventions and improvements described and set forth in the patent applications listed in the attached *Appendix A*;

For good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to assign, transfer, and convey, hereby assign, transfer, and convey, and have assigned, transferred, and conveyed to **WuXi AppTec (Shanghai) Co., Ltd.**, a corporation of People's Republic of China having a principal place of business at 288 Fute Zhong Road Waigaoqiao Free Trade Zone, Shanghai 200131, China ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent applications, implicitly or explicitly;
 - (b) the above-referenced patent applications, the right to claim priority to the above-referenced patent applications, all applications based in whole or in part upon the above-referenced patent applications, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent applications or applications for other rights based in whole or in part on the above-referenced patent applications;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C.

ASSIGNMENT

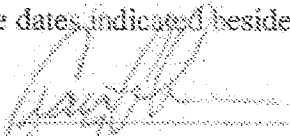
Page 2 of 5

§154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patents, or other rights or documents, resulting from the intellectual property, patent applications and patents described in paragraph 1 of this Assignment.
3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent applications or intellectual property described in paragraph 1 of this Assignment and the enforcement of patents or other rights resulting from such patent applications or intellectual property.
4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the dates indicated beside our signatures.

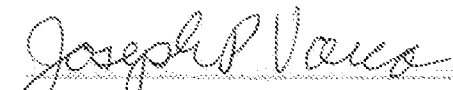
Signature:


Craig Coburn

Date:

28 June 2017

Signature:


Joseph Vacca

Date:

June 29, 2017

68787811V.1

PATENT

REEL: 048046 FRAME: 0370

APPENDIX A

PATENT APPLICATIONS

Title	Country	Serial No Filing Date	Patent No. Issue Date	Ref. No.
INHIBITORS OF LYSINE GINGIPAIN	United States of America	62/060,483 Oct 6, 2014		098460- 000300US- 0957855
INHIBITORS OF LYSINE GINGIPAIN	Australia	2015328385 Oct 5, 2015		098460- 000310AU- 1043691
INHIBITORS OF LYSINE GINGIPAIN	Brazil	BR11201700692 0-2 Oct 5, 2015		098460- 000310BR- 1043692
INHIBITORS OF LYSINE GINGIPAIN	Canada	2,963,305 Oct 5, 2015		098460- 000310CA- 1043693
INHIBITORS OF LYSINE GINGIPAIN	Chile	845-2017 Oct 5, 2015		098460- 000310CL- 1043694
INHIBITORS OF LYSINE GINGIPAIN	China	201580062146.1 Oct 5, 2015		098460- 000310CN- 1043695
INHIBITORS OF LYSINE GINGIPAIN	Colombia	NC2017/0003321 Oct 5, 2015		098460- 000310CO- 1043696
INHIBITORS OF LYSINE GINGIPAIN	European Patent Office	15849799.0 Oct 5, 2015		098460- 000310EP- 1043697
LYSINE GINGIPAIN INHIBITORS, COMPOSITIONS COMPRISING SAME AND USES THEREOF	Israel	251501 Oct 5, 2015		098460- 000310IL- 1043699

ASSIGNMENT

Page 4 of 5

Title	Country	Serial No Filing Date	Patent No. Issue Date	Ref. No.
INHIBITORS OF LYSINE GINGIPAIN	India	201717015021 Oct 5, 2015		098460- 000310IN- 1043700
INHIBITORS OF LYSINE GINGIPAIN	Japan	Pending Oct 5, 2015		098460- 000310JP- 1043701
INHIBITORS OF LYSINE GINGIPAIN	Republic of Korea	10-2017-7012278 Oct 5, 2015		098460- 000310KR- 1043707
INHIBITORS OF LYSINE GINGIPAIN	Mexico	Mx/a/2017/00456 9 Oct 5, 2015		098460- 000310MX- 1043703
INHIBITORS OF LYSINE GINGIPAIN	Malaysia	PI 2017000506 Oct 5, 2015		098460- 000310MY- 1043702
INHIBITORS OF LYSINE GINGIPAIN	New Zealand	730780 Oct 5, 2015		098460- 000310NZ- 1043704
INHIBITORS OF LYSINE GINGIPAIN	PCT	PCT/US2015/054 050 Oct 5, 2015		098460- 000310PC- 0960300
INHIBITORS OF LYSINE GINGIPAIN	Peru	000557- 2017/DIN Oct 5, 2015		098460- 000310PE- 1043705
INHIBITORS OF LYSINE GINGIPAIN	Philippines	1-2017-500637 Oct 5, 2015		098460- 000310PH- 1043706
INHIBITORS OF LYSINE GINGIPAIN	Russian Federation	Pending Oct 5, 2015		098460- 000310RU- 1043708
INHIBITORS OF LYSINE GINGIPAIN	Singapore	11201702797R Oct 5, 2015		098460- 000310SG- 1043709

ASSIGNMENT

Page 5 of 5

Title	Country	Serial No Filing Date	Patent No. Issue Date	Ref. No.
INHIBITORS OF LYSINE GINGIPAIN	United States of America	14/875,416 Oct 5, 2015		098460- 000310US- 0958907
INHIBITORS OF LYSINE GINGIPAIN	South Africa	2017/02726 Oct 5, 2015		098460- 000310ZA- 1043710
INHIBITORS OF ARGININE GINGIPAIN	United States of America	62/253,039 Nov 9, 2015		098460- 000400US- 0958867
INHIBITORS OF ARGININE GINGIPAIN	United States of America	62/338,924 May 19, 2016		098460- 000401US- 1010928
INHIBITORS OF ARGININE GINGIPAIN	PCT	PCT/US2016/061 197 Nov 9, 2016		098460- 000410PC- 1029268

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RECORDED: 01/17/2019

REEL: 048046 FRAME: 0373