504141797 12/13/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4181642

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
CONAGEN INC.	09/16/2015

RECEIVING PARTY DATA

Name:	CONAGEN INC.	
Street Address:	15 DEANGELO DRIVE	
City:	BEDFORD	
State/Country:	MASSACHUSETTS	
Postal Code:	01730	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15366209

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	C1497.70010US02	
NAME OF SUBMITTER:	AMY J. MCMAHON	
SIGNATURE:	/Amy J. McMahon/	
DATE SIGNED:	12/13/2016	

Total Attachments: 2

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PATENT 504141797 REEL: 040717 FRAME: 0471

Assignment of Patent Rights

ASSIGNMENT

WHEREAS, Conagen, Inc., of 1005 North Warson Road, St. Louis, Missouri 63132, a corporation duly organized and existing under and virtue of the laws of the State of Missouri (hereinafter referred to as Assignor), is a sole, joint, or potential owner of the right, title, and interest in and to certain applications for letters patent and the inventions disclosed therein; and

WHEREAS, Conagen, Inc., of 15 DeAngelo Drive, Bedford, Massachusetts 01730, a corporation duly organized and existing under and virtue of the laws of the State of Massachusetts (hereinafter referred to as Assignee), is desirous of acquiring all of Assignor's right, title, and interest in and to said certain applications for letters patent and the inventions disclosed therein:

NOW, THEREFORE, Assignor has agreed to and does hereby assign and transfer unto Assignee, its successors and assigns, all of Assignor's right, title, and interest in and through the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said applications, any other United States applications, (including provisional, non-provisional, divisional, continuing or reissue applications) based in whole or in part on said applications or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof; including specifically, without limiting the generality of the foregoing, the applications listed below.

TO BE HELD AND ENJOYED BY Assignee, it successors and assigns, to the ends of the respective full terms for which said patents have been or may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this sale and assignment not been made.

AND Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said applications to Assignee, its successors and assigns.

AND Assignor hereby agrees to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said Assignee, its successors or assigns, fully to secure its interest as aforesaid in and to said invention or any part thereof, and in and to said patent application or any of them, and in and to said several patents or any of them.

AND Assignor covenants that Assignor has granted no right or license to make, use or sell said invention to anyone except said Assignee, that prior to the execution of this deed Assignor's right, title, and interest in said invention has not been otherwise encumbered, and that Assignor has not executed and will not execute any instrument in conflict herewith.

PATENT REEL: 040717 FRAME: 0472

THE APPLICATIONS ARE AS FOLLOWS:

Patent No. / Application No.	Filing Date	Title
14/269,435	05/05/2014	Non-Caloric Sweetener
PCT/US2015/027977	04/28/2015	Microbial Ergothioneine Biosynthesis
61/898,571 (Expired)	11/01/2013	Recombinant Production of Steviol Glycosides
61/899,529 (Expired)	11/04/2013	Crystal Structure of Ferulic Acid Decarboxylase
61/985,778 (Expired)	04/29/2014	Microbial Ergothioneine Biosynthesis

IN WITNESS THEREOF, Assignor has caused these presents to be executed by its officers thereunto duly authorized this 7th day of August; 2015.

16th day of September
Conagen, Inc.

y:

Name: Oliver Yu

Title: CEO

Witnessed by: Haiyan Vi
Name: Haiyan Vi

Witnessed by: Xime yn Zhang

Name: Nimo yn Zhang

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RECORDED: 12/13/2016