

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4063523

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SAID SAIM	08/30/2016
ALISON B. FLEMING	08/30/2016
RAVI K. VARANASI	08/30/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COLLEGIUM PHARMACEUTICAL, INC.
<b>Street Address:</b>	780 DEDHAM STREET
<b>Internal Address:</b>	SUITE 800
<b>City:</b>	CANTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02021
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15255859
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)842-7899
<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>	
<b>Phone:</b>	2028427800
<b>Email:</b>	zpatdcdocketing@cooley.com, ccunningham@cooley.com
<b>Correspondent Name:</b>	COOLEY LLP
<b>Address Line 1:</b>	ATTN: PATENT GROUP
<b>Address Line 2:</b>	1299 PENNSYLVANIA AVENUE, SUITE 700
<b>Address Line 4:</b>	WASHINGTON, D.C. 20004
<b>ATTORNEY DOCKET NUMBER:</b>	COLG-005/01US 311373-2044
<b>NAME OF SUBMITTER:</b>	ASAKO KUBOTA
<b>SIGNATURE:</b>	/Asako Kubota/
<b>DATE SIGNED:</b>	09/21/2016
<b>Total Attachments: 11</b>	
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## ASSIGNMENT

Said Saim, residing at 780 Dedham Street, Suite 800, Canton, MA 02021; Alison B. Fleming, residing at 780 Dedham Street, Suite 800, Canton, MA 02021; and Ravi K. Varanasi, residing at 780 Dedham Street, Suite 800, Canton, MA 02021, (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **PROCESS OF MAKING STABLE ABUSE-DETERRENT ORAL FORMULATIONS**, and which is a:

- (1) ☒ provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☒ bearing Application No. 62/353,839, and filed on June 23, 2016;
- (2) ☐ non-provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_; or
- (3) ☐ PCT application
  - (a) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_.

**WHEREAS**, Collegium Pharmaceutical, Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 780 Dedham Street, Suite 800, Canton, MA 02021 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1), (2) and/or (3); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) (2) and/or (3);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the

Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1), (2) and/or (3) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 8/30/2016

By: *Said Saim*  
Said Saim

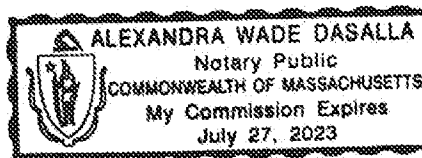
State of Massachusetts )  
County of Norfolk ) ss.

On August 30, 2016, before me, Alexandra Wade Dasalla,  
Notary Public, personally appeared Said Saim,  
who proved to me on the basis of satisfactory evidence, to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument. REQUIRED SENTENCE IF  
NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the  
laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

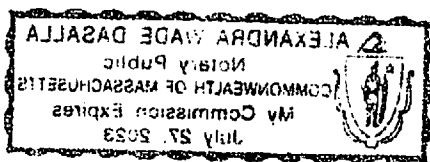
*Alexandra Wade Dasalla*

Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 7/27/2023



Date: 08/30/16

By: *Alison B. Fleming*  
Alison B. Fleming

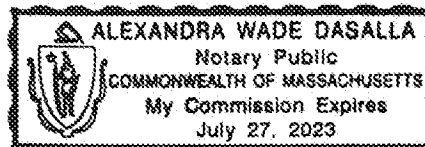
State of Massachusetts )  
County of Norfolk ) ss.

On August 30, 2016, before me, Alexandra Wade Dasalla,  
Notary Public, personally appeared Alison B. Fleming,  
who proved to me on the basis of satisfactory evidence, to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument. REQUIRED SENTENCE IF  
NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the  
laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Alexandra Wade Dasalla*

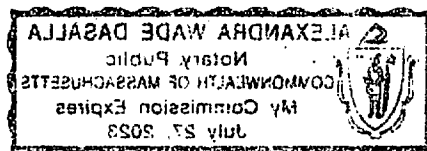
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 7/27/2023



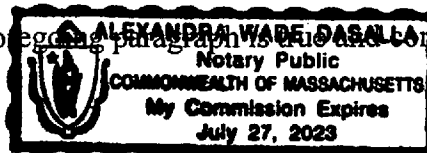


Date: 8/30/2016

By: R K Varanasi  
Ravi K. Varanasi

State of Massachusetts )  
County of Norfolk ) ss.

On August 30, 2016, before me, Alexandra Wade Dasalla,  
Notary Public, personally appeared Ravi Varanasi,  
who proved to me on the basis of satisfactory evidence, to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument. REQUIRED SENTENCE IF  
NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the  
laws of the State of California that the foregoing paragraph is true and correct.



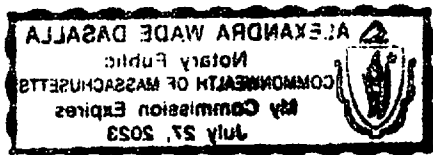
WITNESS my hand and official seal.

Alexandra Wade Dasalla

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: July 27, 2023



Date: 8/30/16By: [Signature]Name: Michael HeffernanTitle: President and CEOCompany: Collegium Pharmaceutical, Inc.

State of Massachusetts )  
 ) ss.  
County of Norfolk )

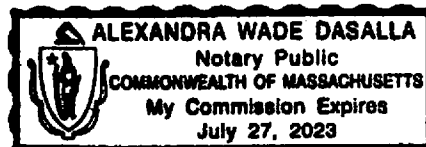
On August 30, 2016, before me, Alexandra Wade Dasalla,  
Notary Public, personally appeared Michael Heffernan,  
who proved to me on the basis of satisfactory evidence, to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under  
PENALTY OF PERJURY under the laws of the State of California that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Alexandra Wade Dasalla

Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 7/27/2023

