PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5163947

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	2	

CONVEYING PARTY DATA

Name	Execution Date
ALKERMES, INC.	06/08/2012

RECEIVING PARTY DATA

Name:	ALKERMES PHARMA IRELAND LIMITED	
Street Address:	CONNAUGHT HOUSE	
Internal Address:	1 BURLINGTON ROAD	
City:	DUBLIN 4	
State/Country:	IRELAND	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16131773

CORRESPONDENCE DATA

Fax Number: (857)300-4001

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: 857-300-4003

Email: bostonpatent@lathropgage.com,dvincent@lathropgage.com,dpstein@lathropgage.com

Correspondent Name: BRIAN C. TRINQUE
Address Line 1: LATHROP GAGE LLP
Address Line 2: 28 STATE STREET

Address Line 4: BOSTON, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER:	605257: ALT-3026CON6	
NAME OF SUBMITTER: BRIAN C. TRINQUE, PH.D., ESQ.		
SIGNATURE:	/BRIAN C. TRINQUE/	
DATE SIGNED:	09/28/2018	

Total Attachments: 3

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PATENT REEL: 047003 FRAME: 0815

ASSIGNMENT

Whereas, by virtue of Assignment, Alkermes, Inc., a Pennsylvania corporation, organized and existing under the laws of the Commonwealth of Pennsylvania, having a usual place of business at 852 Winter Street, Waltham, Massachusetts 02451, is the owner of the patents and patent applications set forth in Exhibit A attached hereto and incorporated herein by reference.

Whereas, Alkermes Pharma Ireland Limited, a Ireland corporation, organized and existing under the laws of Ireland, having a usual place of business at Connaught House, 1 Burlington Road, Dublin 4 Ireland, (hereinafter "ASSIGNEE") has acquired from Alkermes, Inc. (hereinafter "ASSIGNOR") by virtue of that certain Asset Purchase and License Agreement between the parties dated March 30, 2012, the entire right, title and interest in, to and under the aforesaid patents and patent applications set forth in Exhibit A, and the respective inventions therein described and claimed.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said respective inventions as described in the patents and applications set forth in Exhibit A, together with the entire right, title and interest in and to said respective inventions and such Letters Patent as may issue thereon; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made; ASSIGNOR hereby conveys all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such patents and applications set forth in Exhibit A, for Letters Patent. ASSIGNOR hereby acknowledges that this assignment, being of the entire right, title and interest in and to said respective inventions, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, ASSIGNOR hereby further agrees on behalf of its directors, officers, successors, assigns, and legal representatives in interest, to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said respective inventions or any applications or patent directed thereto may be involved;

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PATENT REEL: 047003 FRAME: 0816 IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

ALKERMES, INC.

By Claudy dasing
Date 8- June - 2012

Date 8 - June - 2017

State/Commonwealth of Massachuse++s

County of Middlesex

Then personally appeared before me the above-named Claire M. Vasios and acknowledged that he/she is an officer of said corporation, that he/she executed the foregoing instrument on behalf of such corporation with authority to do so, and that signing of the instrument is the free act and deed of the corporation.

Dated this day of June 2012

Cuidy Staff Notary Public (SEAL)

My Commission expires __/_/

CINDY A. SRAGG
Notary Public
Commonwealth of Massachusetts
My Commission Expires
March 11, 2016

$\underline{EXHIBIT\ A}$

Country	Application Number
United States of America	12/823,007
PCT	PCT/US10/039855
Australia	2010266018
Canada	2,766,088
Europe	10792677.6
Japan	2012-517738
New Zealand	597107
United States of America	12/823,102
PCT	PCT/US10/039878
Argentina	2010 01 02266
Australia	2010266040
Canada	2,766,033
Europe	10792691.7
Japan	2012-517748
New Zealand	597108
Panama	88816
Saudi Arabia	110310539
Taiwan	99120800
Thailand	1001000942
United States of America	12/978,178
PCT	PCT/US10/062078
Argentina	2010 01 04960
Panama	89146
Saudi Arabia	110320068
Taiwan	99146082
Thailand	1001001972
United States of America	12/978,273
PCT	PCT/US10/062085
United States of America	13/100,515
PCT	PCT/US11/035126
United States of America	13/168,497
PCT	PCT/US11/041830
United States of America	13/335,405
PCT	PCT/US11/066900
United States of America	61/576,238
United States of America	61/576,244

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