505829901 12/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5876833

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIP CRESSWELL	09/23/2015
MAGALI HICKEY	09/21/2015
KRISTOPHER PERKIN	09/23/2015
GREG SMITH	09/17/2015
ELAINE LIVERSIDGE	09/18/2015
BRIAN STEINBERG	10/09/2015
DAVID MANSER	09/21/2015
TAREK ZEIDAN	09/17/2015

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:	16416818

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:	613076: ALT-5001DIVCON
NAME OF SUBMITTER:	BRIAN C. TRINQUE, PH.D., ESQ.
SIGNATURE:	/BRIAN C. TRINQUE/

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DATE SIGNED: 12/19/2019

Total Attachments: 18

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> PATENT REEL: 051331 FRAME: 0793

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

ALKERMES PHARMA IRELAND LIMITED CONNAUGHT HOUSE
1 BURLINGTON ROAD
Dublin 4 Ireland

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

ARIPIPRAZOLE PRODRUG COMPOSITION

as set forth in	n this l	United States Patent App	olication
check one] executed concurrently] executed on	herewith,
] Serial No. <u>14/828,229</u>	Filed <u>8/17/2015</u>

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

Page 1 of 6

4830-2552-0935.1

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME	AND SIGNATURE OF INVENTO	<u> </u>	<i>O</i> (),	I	
Name:	PHILIP CRESSWELL	SIGNATURE	Phenery	Date	23 Sep 15
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Name:	IVAN BROWNING	SIGNATURE	S. Bowing	Date	23-58-15
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Name:	SARA MONTMINY PAQUETTE	SIGNATURE		Date	
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NAME	AND SIGNATURE OF WITNESS	<u>ses</u>			
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Name:	KRISTOPHER PERKIN	SIGNATURE	Kledin	Date	23 SEP 15
NAME	AND SIGNATURE OF WITNESS	<u>SES</u>			
Name:	DECLAN MCLEON,	SIGNATURE	2m	Date	235ap 15
Name:	KEUIN COSERAUE	SIGNATURE	Kevin Posgrave	Date	33-Se 15

Page 3 of 6

NAME	AND SIGNATURE OF INVE	NTOR .			
Name:	GREG SMITH	SIGNATURE		Date	
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NAME	AND SIGNATURE OF INVEN	NTOR			
Name:	BRIAN STEINBERG	SIGNATURE		Date	
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NAME	AND SIGNATURE OF INVE	<u>NTOR</u>	
Name:	RYAN TURNCLIFF	SIGNATURE	Date
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Name:		SIGNATURE	Date
Name:		SIGNATURE	Date
<u>NAME</u>	AND SIGNATURE OF INVE	NTOR	
Name:	MICHAEL PALMIERI, JR.	SIGNATURE	Date
NAME	AND SIGNATURE OF WITN	<u>ESSES</u>	
Name:		SIGNATURE	Date
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NAME_	AND SIGNATURE OF INVE	NTOR .	
Name:	TAREK ZEIDAN	SIGNATURE	Date
<u>NAME</u>	AND SIGNATURE OF WITN	ESSES	
Name:		SIGNATURE	Date
Name:		SIGNATURE	Date
NAME_	AND SIGNATURE OF INVE	NTOR .	
Name:	ETHAN P. CASH	SIGNATURE	Date
NAME	AND SIGNATURE OF WITN	ESSES	
Name:		SIGNATURE	Date
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Page 5 of 6

NAME AND SIGNATURE OF INVENTOR					
Name:	MARJIE L. HARD	SIGNATURE	Date		
NAME	AND SIGNATURE OF WI	ITNESSES			
Name:		SIGNATURE	Date		
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Page 6 of 6

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

ALKERMES PHARMA TRELAND LIMITED CONNAUGHT HOUSE | BURLINGTON ROAL) Dublin 4 Ireland

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

ARIPTPRAZOLE PRODRUG COMPOSITION

check one	executed concurrently herewith,	
	executed on	,
	X Serial No. 14/828,229 Filed 8/17/2015	

as set forth in this United States Patent Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

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Page 1 of 5

4830-2552-0935 1

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NAME AND SIGNATURE OF INV Name: PHILIP CRESSWELL	ENTOR SIGNATURE	Date
NAME AND SIGNATURE OF WITNAME:	<u>INESSES</u> SIGNATURE	Date
Name:	SIGNATURE	Date

Page 2 of 5

NAME AND SIGNATURE OF INVEN	TOR // /		
Name: SARA MONTMINY PAQUETTE			9-18-15
NAME AND SIGNATURE OF WITNE	SSES		
Name: Susse Dags.	SIGNATURE STED STE	Date	9-18-2015
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Name: KRISTOPHER PERKIN	SIGNATURE	Date	
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NAME	AND SIGNATURE OF INV	ENTOR	
Name:	GREG SMITH	SIGNATURE	Date
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	DAVID MANSER	SIGNATURE	Date
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Page 4 of 5

NAME AND SIGNATURE OF	INVENTOR	
Name: RYAN TURNCLIFF	SIGNATURE.	Date
NAME AND SIGNATURE OF	WITNESSES	
Name:	SIGNATURE	Date
Name:	SIGNATURE	Date
NAME AND SIGNATURE OF I	INVENTOR	
Name: MICHAEL PALMIERI,		Date
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NAME AND SIGNATURE OF I	<u>NVENTOR</u>	
Name: ETHAN P. CASH	SIGNATURE	Date
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Page 5 of 5

NAME AND SIG	NATURE OF IN	VENTOR		
Name: MARJIE	L. JJARD	SIGNATURE	Date	
NAME AND SIG	NATURE OF WI	TNESSES		
Name:		SIGNATURE	Date	
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	[X] Serial No. 14/828,229 Filed 8/17/2015	

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NAME	AND SIGNATURE OF INVENT	<u>OR</u>	
Name:	PHILIP CRESSWELL	SIGNATURE	Date
NAME	AND SIGNATURE OF WITNES	SES	
Name:		SIGNATURE	Date
Name:		SIGNATURE	Date
NAME	AND SIGNATURE OF INVENT	<u>OR</u>	
Name:	SARA MONTMINY PAQUETTE	SIGNATURE	Date
NAME	AND SIGNATURE OF WITNES	<u>SES</u>	
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Name:		SIGNATURE	Date
NAME	AND SIGNATURE OF INVENT	<u>OR</u>	
Name:	MAGALI HICKEY	SIGNATURE/ULL	Date 2156/2015
NAME	AND SIGNATURE OF WITNES	SES . J.	
Name:	CINDY SRAGG	SIGNATURE (Ludy)	Date 21-Sep-295
Name:	MARYANN SCANDAC	SIGNATURE/US US	Date 21-Sep-2019
NAME.	AND SIGNATURE OF INVENTO	<u>OR</u>	
Name:	KRISTOPHER PERKIN	SIGNATURE	Date
NAME.	AND SIGNATURE OF WITNESS	SES	
Name:		SIGNATURE	Date
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Page 3 of 6

NAME	AND SIGNATURE OF INVENT	OR			
Name:	GREG SMITH	SIGNATURE	Date	175=p 2015	
NAME	AND SIGNATURE OF WITNES	SSES			
Name:	CINDY SRAGG	SIGNATURE MICH S	apafe	17-Sep-2013	
Name:	MARYANN SCANDAL	SIGNATURE	_ Date	17-Sep-2019	
NAME.	AND SIGNATURE OF INVENT	<u>OR</u>			
Name:	ELAINE LIVERSIDGE	SIGNATURE 2	Date	18-Sep-2015	
NAME.	AND SIGNATURE OF WITNES	SES / ()		
Name: (PINDY SRAGG	SIGNATURE (Mydy)	Daye	18-Sep-2019	
Name: /	MARYANN SCANDALIS	SIGNATURE	Date	18-Sep-2015	
NAME A	NAME AND SIGNATURE OF INVENTOR				
Name:	BRIAN STEINBERG	SIGNATURE &	Date	9-0ct-2015	
NAME A	AND SIGNATURE OF WITNES	SES //.			
	CINDY SRAGG	SIGNATURE LANGE TO	Date	9-Oct-2015	
Name: /	MARYANN SCANDALIS	SIGNATURE	し Date	9 <u>-0ct</u> -2015	
NAME A	AND SIGNATURE OF INVENT	<u>OR</u>			
Name:	DAVID MANSER	SIGNATURE	Date		
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Name:	CINDY SPAGG	SIGNATURE	Date	well-field and delicate the state of the sta	
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Name:	MARYANN SCANDA	2 SIGNATURE a Date	21-Sep-2015	
<u>NAME</u>	AND SIGNATURE OF INVENT	$\frac{\mathbf{OR}}{\mathbf{OR}}$ \mathbf{OR}	*	
Name:	MICHAEL PALMIERI, JR.	SIGNATURE Date	70ct 2015	
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Name: /	MARYANN SCANDALIS	SIGNATURE Date	7-0ct-2015	
NAME	AND SIGNATURE OF INVENTO	OR /	< 2	
Name:	TAREK ZEIDAN	SIGNATURE Date	17 Sep 2015	
NAME AND SIGNATURE OF WITNESSES				
Name:	CINDY SRAGE	SIGNATURE July Scotte	17-5ep-2015	
Name:/	MARYANN SCANDALIS		17-Sep-2015	
NAME	AND SIGNATURE OF INVENTO	OR // //		
Name:	ETHAN P. CASH	SIGNATURE Date	8 oct 2015	
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NAME AND SIGNATURE OF INVENTOR

Name:

MARJIE L. HARD

SIGNATURE

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NAME AND SIGNATURE OF WITNESSES

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<u> 21-Sep</u>

Name:

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Page 6 of 6

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