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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MILES STUART CONGREVE	12/03/2014
JOHN ANDREW CHRISTOPHER	12/03/2014
BENJAMIN GERALD TEHAN	12/03/2014
SARAH JOANNE AVES	12/03/2014
SUKHBINDER SINGH KLAIR	12/04/2014

RECEIVING PARTY DATA

Name:	HEPTARES THERAPEUTICS LIMITED
Street Address:	BIOPARK, BROADWATER ROAD
City:	WELWYN GARDEN CITY, HERTFORDSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	AL73AX

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14994607

CORRESPONDENCE DATA

Fax Number: (617)607-9200

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: 617-449-6500

Email: cgiordani@mccarter.com

Correspondent Name: MEI BAI, PH.D.

Address Line 1: 265 FRANKLIN STREET

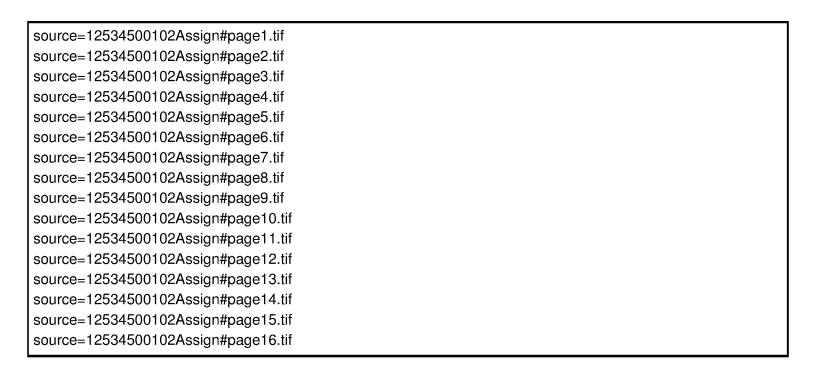
Address Line 2: MCCARTER ENGLISH LLP

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	125345-00102
NAME OF SUBMITTER:	MEI BAI, PH.D.
SIGNATURE:	/Mei Bai, Ph.D./
DATE SIGNED:	01/15/2016
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Total Attachments: 16

PATENT REEL: 037504 FRAME: 0292



PATENT REEL: 037504 FRAME: 0293

Attorney Docket: 125345-00101

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 3rd day of DECEMBER, 2014 by Miles Stuart Congreve, John Andrew Christopher, Benjamin Gerald Tehan, Sukhbinder Singh Klair, and Sarah Joanne Aves (hereinafter referred to as Assignors), residing at Heptares Therapeutics Limited, BioPark, Broadwater Road, Welwyn Garden City, HERTFORDSHIRE, AL7 3AX, UNITED KINGDOM; Heptares Therapeutics Limited, BioPark, Broadwater Road, Welwyn Garden City, HERTFORDSHIRE, AL7 3AX, UNITED KINGDOM; Heptares Therapeutics Limited, BioPark, Broadwater Road, Welwyn Garden City, HERTFORDSHIRE, AL7 3AX, UNITED KINGDOM; Heptares Therapeutics Limited, BioPark, Broadwater Road, Welwyn Garden City, HERTFORDSHIRE, AL7 3AX, UNITED KINGDOM; Heptares Therapeutics Limited, BioPark, Broadwater Road, Welwyn Garden City, HERTFORDSHIRE, AL7 3AX, UNITED KINGDOM; Heptares Therapeutics Limited, BioPark, Broadwater Road, Welwyn Garden City, HERTFORDSHIRE, AL7 3AX, UNITED KINGDOM; Heptares Therapeutics Limited, BioPark, Broadwater Road, Welwyn Garden City, HERTFORDSHIRE, AL7 3AX, UNITED KINGDOM, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in OREXIN RECEPTOR ANTAGONISTS, set forth in a U.S. National Phase Application filed herewith, for which an International Application was filed on July 3, 2013, PCT/GB2013/051761, designating the United States; and

WHEREAS, Heptares Therapeutics Limited, having its principal place of business at BioPark, Broadwater Road, Welwyn Garden City, HERTFORDSHIRE, AL7 3AX, UNITED KINGDOM (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said

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application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

MCCARTER & ENGLISH, LLP

All practitioners at Customer Number 86738

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Executed this 3rd day of December, 2014

Miles Stuary Congreve

Witness:

Date: 3 Recember 2014

Print Name: NaMe: NaMA MANNALL

Executed this 3rd day of December , 2014.

John Andrew Christopher

Witness:

Date: 8/2/14.

Print Name: MANDARACK -

Executed this 3rd day of deamler, 2014:

Benjamis Gerald Tehan

Witness:

Date: 3.12.14

Print Name: POSERT COOKE

Executed this day of	, 20
v.	
	Sukhbinder Singh Klair
Witness:	
Date:	
	Drint Morna

Executed this 3rd day o	f December, 2014.
A.	S. J.
	Sarah Joanne Aves
Witness:	
Date: 3/12/2014	<u>as</u>
	Bring Norman C. LES & Brianna

ASSIGNMENT BY INVENTORS

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application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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MCCARTER & ENGLISH, LLP

All practitioners at Customer Number 86738

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Executed this day	01
	Miles Stuart Congreve
Witness:	
Date:	
Yo	oint Nacca.

Executed this day of		
	John Andrew Christopher	
Witness:		
Date:		
	Print Name:	

Executed this day of	
	Benjamin Gerald Tehan
Witness:	
Date:	
Duis	ot Name

Executed this $\frac{44}{}$ day of	ecember, 2014.
	s.klo
	Sukhbinder Singh Klair
Witness:	
Date: 04 - 020 - 2014	4 Hotel
	Print Name: <u>CLARE MOOD</u>

Executed this day of	and the second s
	Sarah Joanne Aves
Witness:	
Date:	
	Print Name