

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4701547

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WAVE LIFE SCIENCES JAPAN, INC.	11/20/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WAVE LIFE SCIENCES LTD.
<b>Street Address:</b>	8 CROSS STREET
<b>Internal Address:</b>	#10-00 PWC BUILDING
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	048424
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13582531
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	patentdocket@choate.com
<b>Correspondent Name:</b>	XIAODONG LI
<b>Address Line 1:</b>	CHOATE, HALL & STEWART LLP
<b>Address Line 2:</b>	TWO INTERNATIONAL PLACE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	2010581-0161
<b>NAME OF SUBMITTER:</b>	XIAODONG LI
<b>SIGNATURE:</b>	/Xiaodong Li/
<b>DATE SIGNED:</b>	11/22/2017
<b>Total Attachments: 5</b>	
source=Assignment_16#page1.tif	
source=Assignment_16#page2.tif	
source=Assignment_16#page3.tif	
source=Assignment_16#page4.tif	
source=Assignment_16#page5.tif	

**CONFIRMATORY ASSIGNMENT**

WHEREAS, **WAVE LIFE SCIENCES JAPAN, INC.**, (formerly known as **CHIRALGEN, LTD.**, hereinafter "ASSIGNOR") is aware of the patent application(s), including any patent(s) issued therefrom, listed below (hereinafter the "PATENT FILING(S)"):

Application No.	Jurisdiction
2010-048824 (filed 03/05/2010)	Japan
PCT/JP2011/055018 (filed 03/04/2011)	PCT
201180012325.6	China
2012-503271 (Issued as Patent No. 5847700)	Japan
2015-229373	Japan
13/582531 (Issued as Patent No. 8859755)	US

and any and all inventions described therein;

WHEREAS, **WAVE LIFE SCIENCES LTD.** (hereinafter "ASSIGNEE"), having a usual place of business at 8 Cross Street, #10-00 PWC Building, Singapore, 048424 Singapore, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged:

ASSIGNOR hereby confirms and/or declares that:

ASSIGNOR has sold, assigned, and transferred unto said ASSIGNEE, its successors, assigns, and legal representatives, its entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to the PATENT FILING(S), AND in and to any and all inventions described therein, including any right of priority thereto;

Such sale, assignment and transfer is and was effective at least as of October 1, 2017;

Such sale, assignment and transfer applies to the above-referenced PATENT FILING(S), and to any application(s) that is based in whole or in part on the PATENT FILING(S), including any divisional, continuing, substitute, renewal, reissue, reexamination, national phase, and other applications, for example that claim priority to any of the PATENT FILING(S);

Such sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by ASSIGNOR had this sale, assignment and transfer not been made;

Such sale, assignment and transfer, being of ASSIGNOR's entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE's selection, to apply for and receive any and all patent(s) for said inventions in its own name;

ASSIGNOR hereby agrees for itself and its executors and administrators 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 patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts ASSIGNOR knows relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

ASSIGNOR hereby authorizes ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

ASSIGNOR hereby appoints ASSIGNEE as ASSIGNOR's common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

ASSIGNOR hereby requests the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives; and

ASSIGNOR covenants with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by ASSIGNOR, and that full right to convey the same as herein expressed is possessed by ASSIGNOR.

ASSIGNEE hereby states and/or confirms that:

ASSIGNEE has accepted the sale, assignment and transfer of ASSIGNOR's entire right, title and interest in and throughout the United States of America, its territories and all foreign

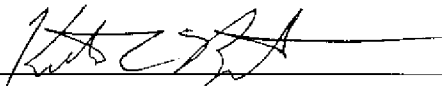
countries, in and to the PATENT FILING(s) and in and to any and all inventions described therein, including the right of priority thereto;

ASSIGNEE has accepted any and all transfers, authorizations, or appointments indicated above; and

ASSIGNEE has the full right and authority to accept all rights and obligations set forth herein.

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have signed below:

The undersigned (whose title is supplied below) is authorized to act on behalf of WAVE  
LIFE SCIENCES JAPAN, INC.

Signature:  Date: 11/20/17

Name (printed): Keith C. Regnante

Title (printed): Director

The undersigned (whose title is supplied below) is authorized to act on behalf of WAVE  
LIFE SCIENCES LTD.

Signature:  Date: 11/20/17

Name (printed): Paul B. Bolno

Title (printed): President and CEO