506173902 07/27/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6220640

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID CHARLES DONNELL BUTLER	10/11/2018
CHRISTOPHER P. HENCKEN	10/20/2018
NAOKI IWAMOTO	09/25/2018
PACHAMUTHU KANDASAMY	09/21/2018
ALVARO ANDRES LANAO	10/10/2018
GENLIANG LU	09/21/2018
MAMORU SHIMIZU	09/21/2018
SETHUMADHAVAN DIVAKARAMENON	10/22/2018
CHANDRA VARGEESE	09/24/2018
GOPAL REDDY BOMMINENI	10/25/2018
SUBRAMANIAN MARAPPAN	10/24/2018

RECEIVING PARTY DATA

Name:	WAVE LIFE SCIENCES LTD.
Street Address:	7 STRAITS VIEW #12-00
Internal Address:	MARINA ONE EAST TOWER
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	018936

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16624896

CORRESPONDENCE DATA

(617)502-5002 Fax Number:

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Phone: 617-248-5000

Email: PatentDocket@choate.com

Correspondent Name: CHOATE HALL & STEWART LLP-PATENT DOCKET

Address Line 1: TWO INTERNATIONAL PLACE Address Line 4: BOSTON, MASSACHUSETTS 02110

REEL: 053322 FRAME: 0767 506173902

PATENT -

ATTORNEY DOCKET NUMBER:	2010581-0714
NAME OF SUBMITTER:	LONGLE MA
SIGNATURE:	/Longle Ma/
DATE SIGNED:	07/27/2020
Total Attachments: 15	
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PATENT REEL: 053322 FRAME: 0768

JOINT ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State		
1. David Charles Donnell Butler	Medford, Massachusetts		
2. Christopher P. Hencken	Boston, Massachusetts		
3. Naoki Iwamoto	Brighton, Massachusetts		
4. Pachamuthu Kandasamy	Belmont, Massachusetts		
5. Alvaro Andres Lanao	Boston, Massachusetts		
6. Genliang Lu	Winchester, Massachusetts		
7. Mamoru Shimizu	Arlington, Massachusetts		
8. Sethumadhavan Divakaramenon	Lexington, Massachusetts		
9. Chandra Vargeese	Schwenksville, Pennsylvania		
10. Gopal Reddy Bommineni	Belmont, Massachusetts		
11. Subramanian Marappan	Acton, Massachusetts		

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

COMPOUNDS, COMPOSITIONS AND METHODS FOR SYNTHESIS: and

prepared for filing in the United States Patent and T	rademark Office; or
identified by United States Application No. filed in the United States Patent and Trademark Office on	
ined in the Office States Fatent and Trademark Office on	; and
x identified by International Patent Application No.	PCT/US18/38835

x and is also aware of the following priority applications:

June 21, 2018

Application No.	Filed
62/560169	September 18, 2017
62/523175	June 21, 2017

WHEREAS, WAVE LIFE SCIENCES LTD. (hereinafter "ASSIGNEE"), having a usual place of business at 7 Straits View #12-00, Marina One East Tower, Singapore 018936, REPUBLIC OF SINGAPORE, desires to acquire or confirm an interest therein;

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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, each of us has sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above, including any right of priority thereto; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. Our sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this 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 each of us had this sale, assignment and transfer not been made;

AND, each of us hereby acknowledges that this Assignment, being of our entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, each of us hereby further agrees for ourselves and our 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 we know 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;

AND, each of us further hereby authorizes ASSIGNEE or its attorneys or agents to insert the correct application number(s) and/or filing date(s) into this assignment document, if appropriate;

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AND, each of us hereby appoints ASSIGNEE as our common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, each of us 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, each of us 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 us, and that full right to convey the same as herein expressed is possessed by us.

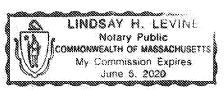
Page 3 of 15

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SIG	NED this// 1/1	day of 0 A , 20 / 8
		David Charles Donnell Butler
STATE OF	Messachusetts	
COUNTY OF	<u>Missadiusetts</u> <u>Middlesex</u>	SS.
Before me this	day of _	October, 2018, personally appeared
		ler , and proved to me through satisfactory
signed on the pr	receding or attached of	to be the person whose name is document, and acknowledged that he/she executed the rethe purposes set forth.
		NOTARY PUBLIC A Hopkins
		Name: Rangua A Hapkins My Commission Expires: 10/03/2025
		HAMONA A. HOPKINS Notary Public Commonwealth of Massachuselts My Comm. Expires October 3, 2025

SIGNED this 30!	day of Ocrober, 2018
	Shrifoph P. Hunch
	Christopher P. Hencken
STATE OF MASSACING SET	SS.
COUNTY OF SUPPOR	
Before me this <u>Qo</u> day of Christopher P. Henck	
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	NOTARY PUBLIC Name: Name: 1855/ 4 Cass. 4
	My Commission! Expires:
	JESSY EL MASSIN Marry Public Commencialle di Hassachuselle My Commencial Et/fondame 12, 2003

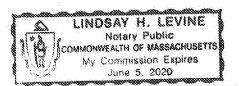
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			Naoki Iv	vamoto
STATE OF	Massachuse	H5		
COUNTY OF	Middlese	<u>SS.</u>		
Before me this	25 th day of	Septemb	rer ,2018	_, personally appeared
	Naoki Iwamoto	,	, and prov	ed to me through satisfactory
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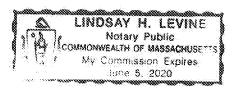
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				Qualitation (1)		********
					LINDSAY H. LEVINE Notary Public	
					COMMONWEALTH OF MASSACHUSE My Commission Expires June 5, 2020	TTS)

SIG	NED this 10	day of 🔘	etaber, 20	18
			Clara	- lean-
			Alvaro Andres	Lanao
STATE OF	Mossachusetts	or 30		
COUNTY OF	Mossachusetts Middlesex	SS.		
Before me this	/ *** day of	October	<u>, 20(§</u> , pers	onally appeared ne through satisfactory
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	r own free will and			
		NOTAR	y PUBLIC	a. Hopkins A. Hopkins
		Name: "	<u>Ramona</u>	A. Hapkins
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			VXXXXXX	a. Hopkins {
				y Public of Massachusetts
				es October 3, 2025

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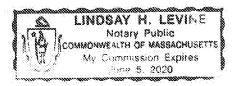


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STATE OF	Massach	wetts				
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	Mamoru Sh	imizu		, and p	roved to me through satisfactory	
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STATE OF	Massachuset	<u>ts_</u>		
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		Name:	Kannona A., mission Expires:	Hopkins 10 03 2025
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SIGI	NED this 24th	day of Sept., 20 18
		Chandra Vargeese
STATE OF	Massachusetts	
COUNTY OF	Middlesex	SS,
Before me this	200 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a	e ptember . 2018, personally appeared, and proved to me through satisfactory
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		NOTARY PUBLIC H. REVINE
		Name: Lindsalf H. Clvinc
		My Commission Expires / <u>リパれゃら、20ネク</u>



SIGNED this 25	day of october, 2018
	GERM
	Gopal Reddy Bommineni
STATE OF Messachusetts	200
STATE OF <u>Messachusetts</u> COUNTY OF <u>Middlesex</u>	
**************************************	October , 2018, personally appeared
Gopal Reddy Bommineni	, and proved to me through satisfactory
evidence of identity which was Massigned on the preceding or attached do same, of his/her own free will and for	S Driver's Liceuse to be the person whose name is ocument, and acknowledged that he/she executed the the purposes set forth.
	NOTARY PUBLIC Q. Hopkins
	Name: Ramana A. Nogleins
	My Commission Expires: /6/63/2025
	RAMONA A. HOPKING Notary Public Commonwealth of Massachusetts My Comm. Expires October 3, 2025

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i ne undersigned (whose time is supplied below) is authori	zed to act on bena	TOI WAVE
LIFE SCIENCES	LTD.		
Signature:		Date:	9/21/18
Name (printed):	Paul Bolno		
Title (printed):	President and CEO		

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PATENT REEL: 053322 FRAME: 0783