

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 LANA O	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

Fax Number: (617)502-5002

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: 617-248-5000

Email: PatentDocket@choate.com

Correspondent Name: CHOATE HALL & STEWART LLP-PATENT DOCKET

Address Line 1: TWO INTERNATIONAL PLACE

Address Line 4: BOSTON, MASSACHUSETTS 02110

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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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 Trademark Office; or

identified by United States Application No. _____

filed in the United States Patent and Trademark Office on _____; and

identified by International Patent Application No. PCT/US18/38835

filed on June 21, 2018; and

and is also aware of the following priority applications:

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;

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;

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.

SIGNED this 11th day of Oct, 2018

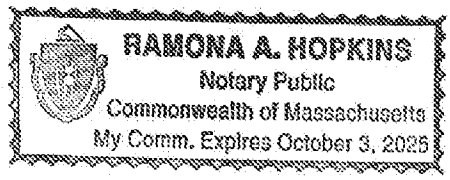


David Charles Donnell Butler

STATE OF Massachusetts
COUNTY OF Middlesex SS.

Before me this 11th day of October, 2018, personally appeared David Charles Donnell Butler, and proved to me through satisfactory evidence of identity which was Mass DL to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC
Ramona A. Hopkins
Name: Ramona A. Hopkins
My Commission Expires: 10/03/2025



SIGNED this 20th day of October, 2018

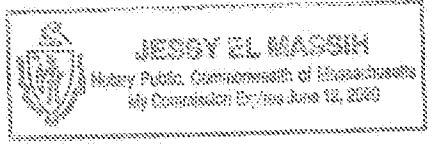
Christopher P. Hencken
Christopher P. Hencken

STATE OF MASSACHUSETTS SS.

COUNTY OF Suffolk

Before me this 20th day of October, 2018, personally appeared Christopher P. Hencken, and proved to me through satisfactory evidence of identity which was MA Drivers License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC
Jessy El Massin
Name: Jessy El Massin
My Commission Expires: June 12, 2020



SIGNED this 25 day of Sep, 2018

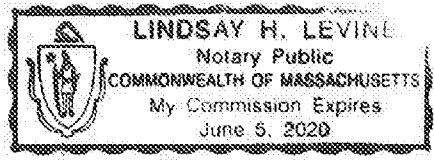
Naoki Iwamoto
Naoki Iwamoto

STATE OF Massachusetts

COUNTY OF Middlesex SS.

Before me this 25th day of September, 2018, personally appeared Naoki Iwamoto, and proved to me through satisfactory evidence of identity which was Mass. Driver's License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC
Lindsay H. Levine
Name: Lindsay H. Levine
My Commission Expires: June 5, 2020



SIGNED this 21 day of 9, 2018

K. Padas

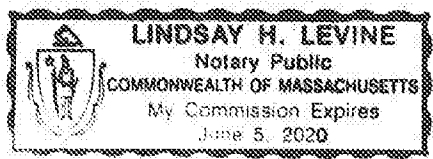
Pachamuthu Kandasamy

STATE OF Massachusetts SS.

COUNTY OF Middlesex

Before me this 21st day of September, 2018, personally appeared Pachamuthu Kandasamy, and proved to me through satisfactory evidence of identity which was Mass. Driver's License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC
Lindsay H. Levine
Name: Lindsay H. Levine
My Commission Expires: JUNE 5, 2020



SIGNED this 10 day of October, 2018

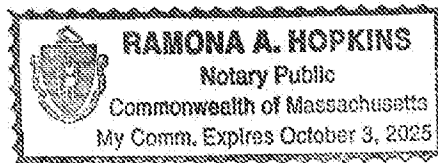
Alvaro Andres Lanao
Alvaro Andres Lanao

STATE OF Massachusetts
COUNTY OF Middlesex SS.

Before me this 10th day of October, 2018, personally appeared Alvaro Andres Lanao, and proved to me through satisfactory evidence of identity which was Connecticut DL to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC

Ramona A. Hopkins
Name: Ramona A. Hopkins
My Commission Expires: 10/03/2025



SIGNED this 21 day of Sept, 2018

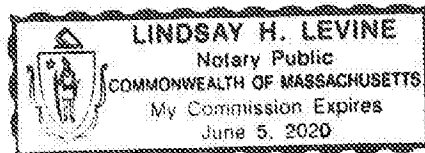
Genliang Lu

STATE OF Massachusetts SS.

COUNTY OF Middlesex

Before me this 21st day of September, 2018, personally appeared Genliang Lu, and proved to me through satisfactory evidence of identity which was Mass. Driver's License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC
Lindsay H. Levine
Name: Lindsay H. Levine
My Commission Expires: June 5, 2020



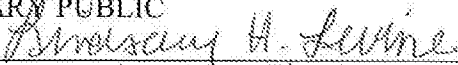
SIGNED this 21 day of Sep., 2018

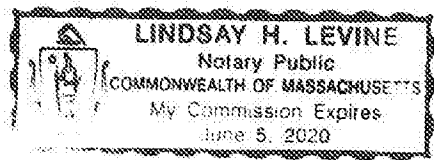

Mamoru Shimizu

STATE OF Massachusetts

COUNTY OF Middlesex SS.

Before me this 21st day of September, 2018, personally appeared Mamoru Shimizu, and proved to me through satisfactory evidence of identity which was Japanese Passport to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC

Name: Lindsay H. Levine
My Commission Expires: June 5, 2020



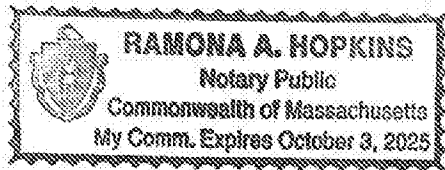
SIGNED this 22 day of October, 2018

Sethumadhavan Divakaramenon
Sethumadhavan Divakaramenon

STATE OF Massachusetts
COUNTY OF Middlesex SS.

Before me this 22nd day of October, 2018, personally appeared Sethumadhavan Divakaramenon, and proved to me through satisfactory evidence of identity which was Mass. DL to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC
Ramona A. Hopkins
Name: Ramona A. Hopkins
My Commission Expires: 10/03/2025



SIGNED this 24th day of Sept., 2018

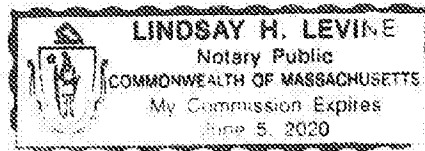
Chandra Vargeese
Chandra Vargeese

STATE OF Massachusetts
COUNTY OF Middlesex SS.

Before me this 24th day of September, 2018, personally appeared Chandra Vargeese, and proved to me through satisfactory evidence of identity which was Penn. Driver's License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC

Lindsay H. Levine
Name: Lindsay H. Levine
My Commission Expires: June 5, 2020



SIGNED this 25 day of October, 2018

Gopal Reddy Bommineni

Gopal Reddy Bommineni

STATE OF Massachusetts SS.

COUNTY OF Middlesex

Before me this 25th day of October, 2018, personally appeared

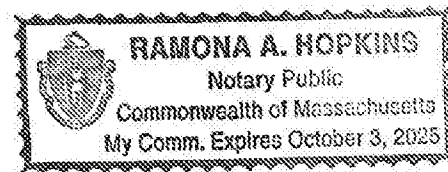
Gopal Reddy Bommineni, and proved to me through satisfactory evidence of identity which was Mass Driver's License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC

Ramona A. Hopkins

Name: Ramona A. Hopkins

My Commission Expires: 10/03/2025



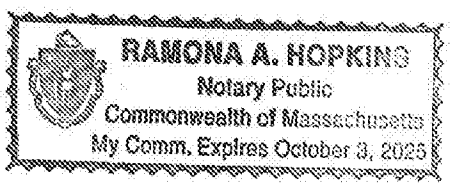
SIGNED this 24 day of Oct, 2018

Subramanian Marappan
Subramanian Marappan

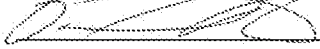
STATE OF Massachusetts
COUNTY OF Middlesex SS.

Before me this 24th day of October, 2018, personally appeared Subramanian Marappan, and proved to me through satisfactory evidence of identity which was Mass Driver's License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC
Ramona A. Hopkins
Name: Ramona A. Hopkins
My Commission Expires: 10/03/2025



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

Signature:  _____ Date: 9/21/18

Name (printed): Paul Bolno

Title (printed): President and CEO