

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AJIKUMAR PARAYIL KUMARAN	01/19/2018
CHIN-GIAW LIM	01/15/2018
JASON ERIC DONALD	01/15/2018
HSIEN-CHUNG TSENG	01/15/2018
CHRISTINE NICOLE S. SANTOS	01/15/2018
RYAN PHILIPPE	01/15/2018
RECEIVING PARTY DATA	
Name:	MANUS BIO INC.
Street Address:	1030 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02138
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16570251
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	MAN-009C1/107590-5009
NAME OF SUBMITTER:	MARK L. HAYMAN
SIGNATURE:	/MARK L. HAYMAN/
DATE SIGNED:	10/04/2019

Total Attachments: 8

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PATENT APPLICATION
Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, inventors:

AJIKUMAR PARAYIL KUMARAN

CHIN-GIAW LIM

JASON DONALD

HSIEN-CHUNG TSENG

CHRISTINE SANTOS

RYAN PHILIPPE

hereinafter referred to as "Assignors"

have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled "METABOLIC ENGINEERING FOR MICROBIAL PRODUCTION OF TERPENOID PRODUCTS", and which is a United States provisional patent application bearing Application No. 62/450,707 and filed on January 26, 2017;

Do hereby sell, assign and transfer to Manus Bio Inc., a corporation having a place of business at 1030 Massachusetts Avenue, Cambridge, MA 02138, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all provisionals, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree(s) that Manus Bio Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history

thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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:

MORGAN, LEWIS & BOCKIUS LLP

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

IN THE TESTIMONY WHEREOF we have hereunto set our signatures on the dates indicated below.



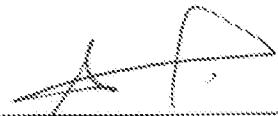
AJIKUMAR PARAYIL KUMARAN

Date: 01/19/2018

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



CHIN-GIAW LIM

Date: January 15, 2018

United States of America)
State of) ss.:
County of)

On this _____ day of _____, _____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

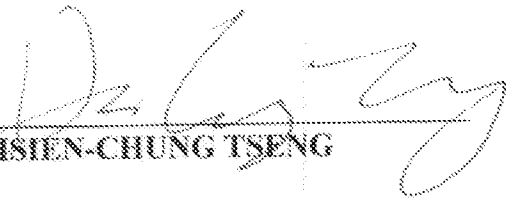
Jason Donald
JASON DONALD

Date: January 15, 2018

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public


HSIEN-CHUNG TSENG

Date: 1/15/2018

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Christine Santos
CHRISTINE SANTOS

Date: January 15, 2018

United States of America)
State of) ss.:
County of)

On this _____ day of _____, _____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



RYAN PHILIPPE

Date: Jan 15th 2018

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Manus Bio Inc.

By: [Signature]
Its: President & CEO

Date: 01/19/2018

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public