505780407 11/19/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID J. DILLER	11/05/2019
DAVID E. KAELIN JR.	11/12/2019
AXEL METZGER	11/05/2019
STEVEN PAGET	11/05/2019
CHIA-YU HUANG	11/05/2019
AUDREY JULIE HOSPITAL	11/05/2019
WILLIAM RONALD SOLVIBILE JR.	11/05/2019
BRIAN F. MCGUINNESS	11/08/2019

RECEIVING PARTY DATA

Name:	VENENUM BIODESIGN, LLC
Street Address:	8 BLACK FOREST ROAD
City:	HAMILTON
State/Country:	NEW JERSEY
Postal Code:	08691

PROPERTY NUMBERS Total: 4

Property Type	Number
PCT Number:	US2019057909
Application Number:	16662980
Application Number:	62751769
Application Number:	62785711

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	131781-00120/00101
NAME OF SUBMITTER:	BEVERLY W.LUBIT
SIGNATURE:	/Beverly W. Lubit/
DATE SIGNED:	11/19/2019
Total Attachments: 12	
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PATENT REEL: 051046 FRAME: 0899

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR"), has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto

VENENUM BIODESIGN, LLC

8 Black Forest Road Hamilton, New Jersey 08691 United States of America

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

NOVEL STING AGONISTS

as set forth in the following Patent Applications:

International Application No. PCT/US2019/057909, filed October 24, 2019 U.S. Nonprovisional Patent Application No. 16/662,980, filed October 24, 2019

which claim the benefit of the following Applications:

United States Provisional Application No. 62/751,769 filed October 29, 2018 United States Provisional Application No. 62/785,711 filed December 28, 2018

Including (a) all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions, (b) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (c) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (d) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

Page 1 of 9

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of McCarter & English, LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of McCarter & English, LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

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Executed this day of	
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On this 544 day of November the undersigned notary public, personally appeared	, 2019 , before me, William Ronald Solvibile Jr.
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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, inventor Brian F. McGuinness (deceased) (hereinafter referred to as "ASSIGNOR"), has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto

VENENUM BIODESIGN, LLC

8 Black Forest Road Hamilton, New Jersey 08691 United States of America

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

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Executed this Sth day of November, 2019.
Brian F. McGuinness, deceased by Conforme C. M. Cunnest Legal Representative of Brian F. McGuinness
United States of America State of County of On this day of Nov, 2019, before me, the undersigned notary public, personally appeared (name of document signer), proved to me through satisfactory evidence of identification, which was November of the person whose name is signed on the preceding or attached document in my presence.
(official signature and seal of notary) My commission expires
ANITHA AMALRAJ NOTARY PUBLIC OF NEW JERSEY ID # 2439666 My Commission Expires 10/16/2023

Page 3 of 3

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RECORDED: 11/19/2019

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