

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5827233

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**Fax Number:**

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: 973-639-7992**Email:** docket@mccarter.com, blubit@mccarter.com**Correspondent Name:** BEVERLY W. LUBIT**Address Line 1:** MCCARTER & ENGLISH, LLP**Address Line 2:** 100 MULBERRY STREET, FOUR GATEWAY CENTER**Address Line 4:** NEWARK, NEW JERSEY 07102

PATENT

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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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.

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.

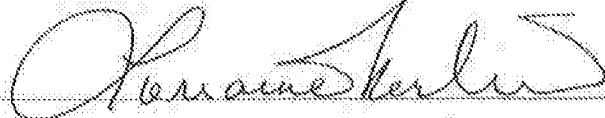
ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English, LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with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

Executed this 5th day of November, 2019.


David J. Diller

United States of America)
State of New Jersey)
County of Mercer)

On this 5th day of November, 2019, before me,
the undersigned notary public, personally appeared David J. Diller
(name of document signer), proved to me through satisfactory evidence of identification,
which was Driver's license, to be the person whose name
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)

My commission expires LORRAINE KERLIN
NOTARY PUBLIC OF NEW JERSEY
Comm. # 50042589
My Commission Expires 7/28/2021

Executed this 12th day of November, 2019.

David E. Kaelin, Jr.
David E. Kaelin, Jr.

United States of America)
State of New Jersey)
County of Middlesex)

On this 12 day of November, 2019, before me,
the undersigned notary public, personally appeared David E. Kaelin, Jr.
(name of document signer), proved to me through satisfactory evidence of identification,
which was N.J. Drivers license, to be the person whose name
is signed on the preceding or attached document in my presence.

Swarna Rachabattuni (official signature and seal of notary)

My commission expires SWARNA RACHABATTUNI
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JULY 9, 2020

Executed this 5th day of November 2019.


Axel Metzger

United States of America)
State of New Jersey)
County of Mercer)

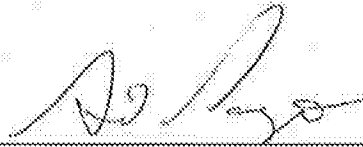
On this 5th day of November, 2019, before me,
the undersigned notary public, personally appeared Axel Metzger
(name of document signer), proved to me through satisfactory evidence of identification,
which was Driver's license, to be the person whose name
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)

My commission expires

LORRAINE KERLIN
NOTARY PUBLIC OF NEW JERSEY
Comm. # 50042589
My Commission Expires 7/28/2021

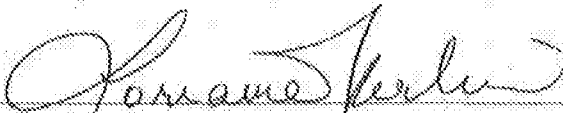
Executed this 5th day of November, 2019.



Steven Paget

United States of America)
State of New Jersey)
County of Mercer)

On this 5th day of November, 2019, before me,
the undersigned notary public, personally appeared Steven Paget
(name of document signer), proved to me through satisfactory evidence of identification,
which was Driver's license, to be the person whose name
is signed on the preceding or attached document in my presence.



(official signature and seal of notary)

My commission expires

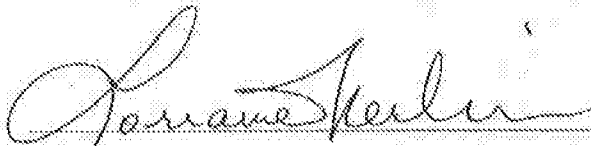
LORRAINE KERLIN
NOTARY PUBLIC OF NEW JERSEY
Comm. # 50042589
My Commission Expires 7/28/2021

Executed this 5th day of November, 2019.


Chia-Yu Huang

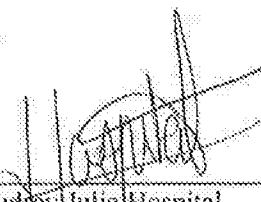
United States of America)
State of New Jersey)
County of Meeker)

On this 5th day of November, 2019, before me,
the undersigned notary public, personally appeared Chia-Yu Huang
(name of document signer), proved to me through satisfactory evidence of identification,
which was Driver's License, to be the person whose name
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)

My commission expires LORRAINE KERLIN
NOTARY PUBLIC OF NEW JERSEY
Comm # 50042589
My Commission Expires 7/28/2021

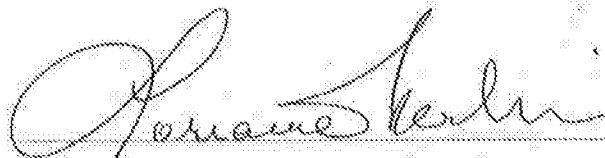
Executed this 5th day of November, 2019.



Audrey Julie Hospital

United States of America)
State of New Jersey)
County of Mercer)

On this 3th day of November, 2019, before me,
the undersigned notary public, personally appeared Audrey Julie Hospital
(name of document signer), proved to me through satisfactory evidence of identification,
which was Driver's License, to be the person whose name
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)

My commission expires

CHARRAINE KERLIN
NOTARY PUBLIC OF NEW JERSEY
Comm. # 50042589
My Commission Expires 7/28/2021

Executed this 5 day of November, 2019.



William Ronald Solvibile Jr.

United States of America)
State of New Jersey)
County of Morris)

On this 5th day of November, 2019, before me,
the undersigned notary public, personally appeared William Ronald Solvibile Jr.
(name of document signer), proved to me through satisfactory evidence of identification,
which was Driver's License, to be the person whose name
is signed on the preceding or attached document in my presence.



(official signature and seal of notary)

My commission expires

LORRAINE KERLIN
NOTARY PUBLIC OF NEW JERSEY
Comm. # 50042589
My Commission Expires 7/28/2021

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

NOVEL STING AGONISTS

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Executed this 8th day of November, 2019.

Brian F. McGuinness, deceased by
Catherine C. McGuinness
Legal Representative of Brian F. McGuinness

United States of America)
State of NJ)
County of Middlesex

On this 8th day of Nov, 2019, before me,
the undersigned notary public, personally appeared CATHERINE C MCGUINNESS
(name of document signer), proved to me through satisfactory evidence of identification,
which was NJ Driver License, to be the person whose name
is signed on the preceding or attached document in my presence.

[Signature] (official signature and seal of notary)

My commission expires 10/16/2023

ANITHIA AMALRAJ
NOTARY PUBLIC OF NEW JERSEY
ID # 2439666
My Commission Expires 10/16/2023