

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RICHARD PEET	01/29/2018
	MALCOLM J. KAVARANA	02/06/2018
	PETER C. MICHELS	02/12/2018
	JOHN D. RABENSTEIN	02/12/2018
	C. SETH PEARSON	02/12/2018
	GEOFFREY M. FOX	02/12/2018
	MINGYANG SUN	04/06/2021
RECEIVING PARTY DATA		
Name:	TEEWINOT TECHNOLOGIES LIMITED	
Street Address:	SUITE 3, ONE EARLSFORT CENTRE	
Internal Address:	LOWER HATCH STREET	
City:	DUBLIN	
State/Country:	IRELAND	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	16453578
	Patent Number:	10336978
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Phone:	2022956687	
Email:	alireza.behrooz@saul.com	
Correspondent Name:	ALIREZA BEHROOZ	
Address Line 1:	1919 PENNSYLVANIA AVENUE, N.W., SUITE 550	
Address Line 4:	WASHINGTON, VIRGINIA 20006-3434	
ATTORNEY DOCKET NUMBER:	381783-0064US2(00028)	
NAME OF SUBMITTER:	ALIREZA BEHROOZ	
SIGNATURE:	/Alireza Behrooz/	

DATE SIGNED:	04/30/2021
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Total Attachments: 34

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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 by these presents hereby sells, assigns, and transfers, unto

TEEWINOT TECHNOLOGIES LIMITED
Suite 3
One Earlsfort Centre
Lower Hatch Street
Dublin, Ireland

(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

METHODS AND COMPOSITION FOR SYNTHESIS OF CANNABINOID VARIN COMPOUNDS

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith,
 ☐ executed on _____
 ☒ Serial No. 62/514626 Filed 6/2/2017

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; 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, improvements, and modifications 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, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

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NAME AND SIGNATURE OF INVENTOR

Name: RICHARD PEET

SIGNATURE

DATE

Richard Peet
1/29/18

NAME AND SIGNATURE OF WITNESSES

Name: *Kristen Mitchell-Halter*

SIGNATURE

DATE

Kristen Mitchell-Halter
1/29/18

Name:

SIGNATURE

DATE

NAME AND SIGNATURE OF INVENTOR

Name: MALCOLM J.
KAVARANA

SIGNATURE

DATE



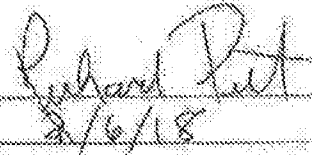
2/6/18

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE



2/6/18

Name:

SIGNATURE

DATE

NAME AND SIGNATURE OF INVENTOR

Name: PETER C. MICHELS

SIGNATURE

DATE

Peter Michels
2/12/18

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

[Signature]
2/12/18

Name:

SIGNATURE

DATE

ZAC
2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: JOHN D. RABENSTEIN

SIGNATURE

DATE

John D. Rabenstein
2/12/2018

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

[Signature]
2/12/18

Name:

SIGNATURE

DATE

[Signature]
2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: C. SETH PEARSON

SIGNATURE

DATE

C. Seth Pearson
2/12/18

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

[Signature]
2/12/18

Name:

SIGNATURE

DATE

[Signature]
2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: GEOFFREY M. FOX

SIGNATURE

DATE

Geoffrey M. Fox
2/18/18

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

Z. A. C.
2/12/18

Name:

SIGNATURE

DATE

James B. Blanton
2/12/18

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as set forth in this United States Patent Application

check one ☐ executed concurrently herewith,
 ☐ executed on _____
 ☒ Serial No. 62/490577 Filed 4/26/2017

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; 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.

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NAME AND SIGNATURE OF INVENTOR

Name: RICHARD PEET

SIGNATURE

DATE

Richard Peet
1/24/18

NAME AND SIGNATURE OF WITNESSES

Name: Kristo Males Hetta

SIGNATURE

DATE

Kristo Males Hetta
1/24/18

Name:

SIGNATURE

DATE

NAME AND SIGNATURE OF INVENTOR

Name: MALCOLM J.
KAVARANA

SIGNATURE

DATE

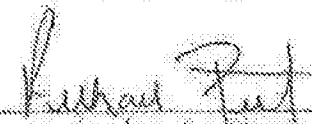

2/6/18

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE


2/6/18

Name:

SIGNATURE

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NAME AND SIGNATURE OF INVENTOR

Name: PETER C. MICHELS

SIGNATURE

DATE

Peter Michels
2/12/19

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

[Signature]
2/12/18

Name:

SIGNATURE

DATE

[Signature]
2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: JOHN D. RABENSTEIN

SIGNATURE

DATE

John D. Rabenstein
2/12/2013

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

Sharon B. Friedman
2/12/18

Name:

SIGNATURE

DATE

J. C. C.
2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: C. SETH PEARSON

SIGNATURE

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C. Seth Pearson
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Name:

SIGNATURE

DATE

[Signature]
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Name:

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[Signature]
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NAME AND SIGNATURE OF INVENTOR

Name: GEOFFREY M. FOX

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☒ Serial No. 62/514617 Filed 6/2/2017

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SIGNATURE

DATE

Richard Peet
1/29/18

NAME AND SIGNATURE OF WITNESSES

Name: Kristen Malick-Hatta

SIGNATURE

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Kristen Malick-Hatta
1/29/18

Name:

SIGNATURE

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NAME AND SIGNATURE OF INVENTOR

Name: MALCOLM J.
KAVARANA

SIGNATURE

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[Signature]

2/6/18

NAME AND SIGNATURE OF WITNESSES

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[Signature]

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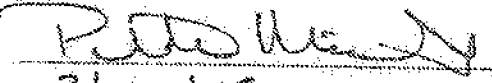
DATE

NAME AND SIGNATURE OF INVENTOR

Name: PETER C. MICHELS

SIGNATURE

DATE

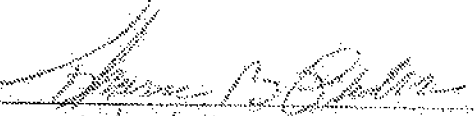

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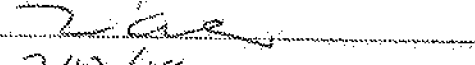
DATE


2/12/18

Name:

SIGNATURE

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2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: JOHN D. RABENSTEIN

SIGNATURE

DATE

John D. Rabenstein
2/12/2018

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

[Signature]
2/12/18

Name:

SIGNATURE

DATE

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2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: C. SETH PEARSON

SIGNATURE

DATE

C. Seth Pearson
2/12/18

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

Thomas B. Baker
2/12/18

Name:

SIGNATURE

DATE

W. A. W.
2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: GEOFFREY M. FOX

SIGNATURE

DATE

Geoffrey M. Fox
2/12/18

NAME AND SIGNATURE OF WITNESSES

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SIGNATURE

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Thomas B. Parker
2/12/18

Name:

SIGNATURE

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2/12/18

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NAME AND SIGNATURE OF INVENTOR

Name: RICHARD PEET

SIGNATURE

DATE

Richard Peet
1/29/18

NAME AND SIGNATURE OF WITNESSES

Name: *Kristen Malick Hatta*

SIGNATURE

DATE

Kristen Malick Hatta
1/29/18

Name:

SIGNATURE

DATE

NAME AND SIGNATURE OF INVENTOR

Name: MALCOLM J.
KAVARANA

SIGNATURE

DATE

[Signature]

6 Feb 2018

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

SIGNATURE

DATE

[Signature]

2/6/18

NAME AND SIGNATURE OF INVENTOR

Name: PETER C. MICHELS

SIGNATURE

DATE

Peter Michels
2/12/18

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

[Signature]
2/12/18

Name:

SIGNATURE

DATE

[Signature]
2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: JOHN D. RABENSTEIN

SIGNATURE

DATE

John D. Rabenstein
2/12/2018

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

James B. Phillips
2/12/18

Name:

SIGNATURE

DATE

[Signature]
2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: C. SETH PEARSON

SIGNATURE

DATE

C. Seth Pearson
2/12/18

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

[Signature]
2/12/18

Name:

SIGNATURE

DATE

[Signature]
2/12/18

NAME AND SIGNATURE OF INVENTOR

Name: GEOFFREY M. FOX

SIGNATURE

DATE

Geoffrey M. Fox
2/13/18

NAME AND SIGNATURE OF WITNESSES

Name:

SIGNATURE

DATE

Thomas B. Phillips
2/12/18

Name:

SIGNATURE

DATE

[Signature]
2/12/18

ASSIGNMENT

WHEREAS, I, Mingyang SUN, having a mailing address of Suite 3, One Earlsfort Centre, Lower Hatch Street, Dublin, Ireland; hereinafter generally referred to as “ASSIGNOR,” have invented a certain new and useful

**APPARATUS, METHODS AND COMPOSITION FOR SYNTHESIS OF
CANNABINOID COMPOUNDS**

for which I have executed U.S. Non-Provisional Patent Application No. 16/453,578, filed June 26, 2019, and U.S. Non-Provisional Patent Application No. 15/976,487, filed May 10, 2018, and PCT International Patent Application No. PCT/US2018/029638, filed April 26, 2018 and U.S. Provisional Patent Application No. 62/514,617 filed June 2, 2017, and U.S. Provisional Patent Application No. 62/514,626, filed June 2, 2017, and U.S. Provisional Patent Application No. 62/490,577, filed April 26, 2017, and U.S. Provisional Patent Application No. 62/490,579, filed April 26, 2017.

WHEREAS, TEEWINOT TECHNOLOGIES LIMITED, with a principal mailing address of **Suite 3, One Earlsfort Center, Lower Hatch Street, Dublin, Ireland**, hereinafter generally referred to as “ASSIGNEE”, is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE’s own use and benefit, and for ASSIGNEE’s legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been

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381783-0064US2(00028)

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made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

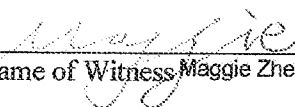
Date: 2021-04-06


Mingyang SUN

Witness: 

Printed Name of Witness Zoe Qin

Date: 2021-04-06

Witness: 

Printed Name of Witness Maggie Zheng

Date: 2021-04-06