PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6620135

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
GOTHAM GREEN ADMIN 1, LLC	03/22/2021

RECEIVING PARTY DATA

Name:	TRAIT BIOSCIENCES INC., TRAIT NM INC., TRAIT BIOSCIENCES (CANADA) INC., AND TWIGG PHARMA LTD.			
Street Address:	433 PASEO DE PERALTA, SUITE 200			
City:	SANTA FE			
State/Country:	NEW MEXICO			
Postal Code:	87501			

PROPERTY NUMBERS Total: 28

Property Type	Number
Patent Number:	10378020
Application Number:	16514581
Application Number:	16110954
Application Number:	16242897
Application Number:	16242922
Application Number:	16515377
Application Number:	16242951
Application Number:	16426059
Application Number:	16425654
Application Number:	16425744
Application Number:	62746053
Application Number:	62476080
Application Number:	62531123
Application Number:	62588662
PCT Number:	US2018024409
PCT Number:	US2018041710
Application Number:	62621166
PCT Number:	US2019015039
Application Number:	62728546
Application Number:	62621108

PATENT

506573356 REEL: 055705 FRAME: 0452

Property Type	Number
Application Number:	62728578
Application Number:	62720649
Application Number:	62800708
Application Number:	62800692
Application Number:	62800684
Application Number:	62810435
Application Number:	62842621
PCT Number:	US2019056613

CORRESPONDENCE DATA

Fax Number: (248)566-8435

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: 2485668434

Email: jlyons@honigman.com **Correspondent Name:** ANDREW J. BOES

Address Line 1:39400 WOODWARD AVENUE, SUITE 101Address Line 4:BLOOMFIELD HILLS, MICHIGAN 48304

ATTORNEY DOCKET NUMBER:	265469-452125
NAME OF SUBMITTER:	ANDREW J. BOES
SIGNATURE:	/Andrew J. Boes/
DATE SIGNED:	03/24/2021

Total Attachments: 18

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TERMINATION AND RELEASE OF SECURITY INTERESTS IN INTELLECTUAL PROPERTY

THIS TERMINATION AND RELEASE OF SECURITY INTERESTS IN INTELLECTUAL PROPERTY ("Termination and Release") dated as of March 22, 2021, is made by GOTHAM GREEN ADMIN 1, LLC ("Gotham Green"), as Collateral Agent (in such capacity, together with its successors and permitted assigns, the "Collateral Agent") in favor of Trait Biosciences Inc., Trait NM Inc., Trait Biosciences (Canada) Inc., and Twigg Pharma Ltd. (each a "Grantor" and, collectively, the "Grantors").

WITNESETH:

WHEREAS, Grantors entered into the Intellectual Property Security Agreement, dated as of June 10, 2020 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "**IP Security Agreement**") in favor of the Collateral Agent, pursuant to which Grantor granted a security interest to Collateral Agent in and to those Patents, Trademarks, Domain Names, and Social Media respectively described on the attached Schedules I-IV (collectively, the "**IP Collateral**"); and

WHEREAS, Grantor has requested that the Agent hereby terminate, release, and discharge fully its security interests in and liens on all right, such IP Collateral.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby:

- 1. terminates the IP Security Agreement and releases, terminates and discharges all liens and security interests in the Grantors' right, title and interest in, to and under the IP Collateral; and
- 2. authorizes and requests that this Termination and Release be recorded at the U.S. Patent and Trademark Office.

[signature page follows]

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IN WITNESS WHEREOF, the Collateral Agent has caused this Termination and Release to be executed and delivered by its duly authorized officer as of the date first set forth above.

GOTHAM GREEN ADMIN 1, LLC, as

DocuSigned by:

Collateral Agent

Name: Jason Adler Title: Managing Member

SCHEDULE I TO TERMINATION AND RELEASE

PATENTS

1. REGISTERED PATENTS

Application # / Registration #	Registered Owner	Priority Date	Title
16/110,728 filed 8/23/18 10,378,020 issued 8/13/19	Trait Biosciences, Inc.	3/24/17	High Level In Vivo Biosynthesis and Isolation of Water-Soluble Cannabinoids in Plant Systems

2. PATENT APPLICATIONS

Applicatio n #	Canadian Application # (if applicable)	Registered Owner	Filing Date	Title	Publicatio n #
62/476080		Trait Bioscience s, Inc.	3/24/17 Expired	High Level Production and Isolation of Water- Soluble and Slow Release Cannabinoids from Cannabis Sativa Suspension Cultures	N/A
62/531123		Trait Bioscience s, Inc.	7/11/17 Expired	Generation Of Water- Soluble Cannabinoid Compounds In Yeast Suspension Cultures	N/A
62/588662		Pebble Labs, Inc.	11/20/17 Expired	In Vivo System for Cellular Localization of Cannabinoid Glycosylation	N/A
PCT/US18/ 24409	CA3056929	Trait Bioscience s, Inc.	3/26/18	High Level In Vivo Biosynthesis and Isolation of Water- Soluble Cannabinoids in Plant Systems	WO2018/1 76055

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Applicatio n #	Canadian Application # (if applicable)	Registered Owner	Filing Date	Title	Publicatio n #
PCT/US18/ 41710	CA3069178	Trait Bioscience s, Inc.	7/11/18	Generation of Water-Soluble Cannabinoid Compounds in Yeast and Plant Cell Suspension Cultures and Compositions of Matter	WO2019/0 14395
16/514581		Trait Bioscience s, Inc.	7/17/201 9	High Level In Vivo Biosynthesis and Isolation of Water- Soluble Cannabinoids in Stably Transformed Plant Systems	US2019/03 38301
16/110954		Trait Bioscience s, Inc.	8/23/18	Generation of Water-Soluble Cannabinoid Compounds in Yeast and Plant Cell Suspension Cultures and Compositions of Matter	US2019/00 78168
16/242897		Trait Bioscience s, Inc.	1/8/19	Systems, Methods, and Compositions for High- Level Production of Water Soluble Cannabinoids in a Plant Cell Culture	US2019/01 53460
16/242922		Trait Bioscience s, Inc.	1/8/19	Systems, Methods, and Compositions for High- Level Production of Water Soluble Cannabinoids in a Plant Trichome	US2019/01 53461

Applicatio n #	Canadian Application # (if applicable)	Registered Owner	Filing Date	Title	Publicatio n #
16/515377		Trait Bioscience s, Inc.	7/18/201 9	Systems and Methods for Enhancing Trichome Formation and Density in Cannabis	US2019/03 52662
16/242951		Trait Bioscience s, Inc.	1/8/19	Systems, Methods, and Compositions for Increasing Cannabinoid Production in Plants	US2019/01 61763
16/426059		Trait Bioscience s, Inc.	5/30/19	In Vivo Generation of Water-Soluble Cannabinoids in Plant Cell Suspension Cultures	US2019/03 16144
16/425654		Trait Bioscience s, Inc.	5/29/19	In Vivo Generation of Water-Soluble Acetylated Cannabinoid Glycoside Compounds In Plant Cell Suspension Cultures	US2019/03 82807
16/425744		Trait Bioscience s, Inc.	5/29/19	Consumable Water- Soluble Cannabinoid Food And Beverage Additive Having Enhance Stability	US2020/00 46639
62/746053		Trait Bioscience s, Inc.	10/16/18 Expired	Conversion of Cannabis Terpenoids into Water-Soluble Compounds in Planta, Yeast and Plant Cell Suspension Cultures	N/A

Applicatio n #	Canadian Application # (if applicable)	Registered Owner	Filing Date	Title	Publicatio n #
62/621166		Pebble Labs, Inc.	1/24/18 Expired	System for Enhanced Production And Accumulation Of Cannabinoids In An In Vivo System	N/A
PCT/US19/ 15039	CA3,050,210	Trait Bioscience s, Inc.	1/24/19	System and Methods for Enhancing Trichome Formation and Density in Cannabis	WO2019/1 47873
62/728546		Trait Bioscience s, Inc.	9/7/18 Expired	System for Enhanced Production And Accumulation Of Cannabinoids In An In Vivo System	N/A
62/621108		Trait Bioscience s, Inc.	1/24/18 Expired	System And Methods For The Modification Of Targeted Cannabinoid Biosynthetic Pathways	N/A
62/728578		Trait Bioscience s, Inc.	9/7/18 Expired	System And Methods For The Modification Of Targeted Cannabinoid Biosynthetic Pathways	N/A
62/720649		Trait Bioscience s, Inc.	8/21/18 Expired	Subcellular Localization of Cannabinoid Synthesis, Glycosylation and Storage	N/A

Applicatio n #	Canadian Application # (if applicable)	Registered Owner	Filing Date	Title	Publicatio n #
62/800708		Trait Bioscience s, Inc.	2/4/19 Expired	Systems, Methods, and Compositions for the Generation of Water- Soluble Cannabinoids Utilizing Lipocalins, Odorant-Binding, and Odorant-Binding-Like Proteins as Cannabinoid Carriers	N/A
62/800692		Trait Bioscience s, Inc.	2/4/19 Expired	Systems, Methods, and Compositions for the Generation of Water- Soluble Cannabinoids Utilizing Fatty-Acid Binding Proteins AND Fatty-Acid Binding Proteins as Cannabinoid Carriers	N/A
62/800684		Trait Bioscience s, Inc.	2/4/19 Expired	Systems, Methods, and Compositions for the Generation of Water- Soluble Cannabinoids Utilizing Serum Albumin and Serum Albumin-Like Proteins as Cannabinoid Carriers	N/A
62/810435		Trait Bioscience s, Inc.	2/26/19 Expired	Systems, Methods, and Compositions for the Generation of Water-Soluble Cannabinoids Utilizing Plant Lipocalin, Plant-Like Lipocalin Proteins, and Novel Plant Lipocalin Protein Cannabinoid Binding Domains as Cannabinoid-Carriers	N/A

Applicatio n #	Canadian Application # (if applicable)	Registered Owner	Filing Date	Title	Publicatio n #
62/842621		Trait Bioscience s, Inc.	5/3/19 Expired	Systems, Methods and Compositions for the In Vitro and In Planta Conversion of CBD and THC to Minor Cannabinoid Compounds	N/A
PCT/US19/ 56613		Trait Bioscience s, Inc.	10/16/19	Systems, Methods, and Compositions for the Production of Water- Soluble Terpenes Derived from Cannabis Plants	WO2020/0 81739
EP1877043 4		Trait Bioscience s, Inc.	3/26/18	High Level In Vivo Biosynthesis and Isolation of Water- soluble Cannabinoids in Plant Systems	EP3600361
AU201921 2486A		Trait Bioscience s, Inc.	1/24/19	Systems and Methods for Enhancing Trichome Formation and Density in	AU201921 2486A1
AU201920 8175A		Trait Bioscience s, Inc.	7/23/19	Systems and Methods for Enhancing Trichome Formation and Density in Cannabis	AU201920 8175A1
AU201823 9671A		Trait Bioscience s, Inc.	3/26/18	High level In vivo biosynthesis and isolation of water- soluble cannabinoids in plant systems	AU201823 9671A1

Applicatio n #	Canadian Application # (if applicable)	Registered Owner	Filing Date	Title	Publicatio n #
AU201830 E		Trait Bioscience s, Inc.	7/11/18	Generation of water- soluble cannabinoid compounds in yeast and plant cell suspension cultures and compositions of matter	AU201830 1674A1
CA305692 9A	Trait Bioscience 9/17/19 Biosynthesis and Isolation of Water		Isolation of Water- soluble Cannabinoids	CA305692 9A1	
CA306917 8A		Trait Bioscience s, Inc.	1/6/20	Generation of Water- soluble Cannabinoid Compounds in Yeast and Plant Cell Suspension Cultures and Compositions of Matter	CA306917 8A1
CO201901 1733A			10/23/19	High Level In Vivo Biosynthesis and Isolation of Water Soluble Cannabinoids in Plant Systems	CO201901 1733A2
IL268228A		Trait Bioscience s, Inc.	7/23/19	Systems and Methods for Enhancing Trichome Formation and Density in Cannabis	IL268228D 0
IL269649A		Trait Bioscience s, Inc.	9/24/19	High level in vivo biosynthesis and isolation of water- soluble cannabinoids in plant systems	IL269649D 0

Applicatio n #	Canadian Application # (if applicable)	Registered Owner	Filing Date	Title	Publicatio n #
IL271928A		Trait Bioscience s, Inc.	1/9/20	Generation of Water- soluble Cannabinoid Compounds in Yeast and Plant Cell Suspension Cultures and Compositions of Matter	IL271928D 0

3. PATENT LICENSES

EXCLUSIVE LICENSE FROM THE UNIVERSITY OF ARKANSAS

Application # / Registration #	Registered Owner	Priority Date	Title
12/862501 filed 8/24/10 8,410,064 issued 4/2/13	The Board of Trustees of the University of Arkansas	8/24/09	Classical Cannabinoid Metabolites and Methods of Use Thereof

PATENTS AND PATENT APPLICATIONS EXCLUSIVELY LICENSED BY TRAIT BIOSCIENCES FROM THE NEW MEXICO CONSORTIUM

Application # / Publication #	Type	Registered Filing Owner Date		Title
PCT/US2015/0416 17 WO2016/014720	PCT	New Mexico Consortium	7/22/15	Improved Carbon Fixation Systems in Plants and Algae
15/411854 US Pat. 10,233,458	US	New Mexico Consortium	1/20/17	Carbon Fixation Systems in Plants and Algae
16/358331 US2019/0203222	US	New Mexico Consortium	3/19/19	Carbon Fixation Systems in Plants and Algae
AU2015292616	AUS	New Mexico Consortium	1/20/17	Carbon Fixation Systems in Plants and Algae

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Application # / Publication #	Type	Registered Owner	Filing Date	Title
EP15745345 EP3172327	EU	New Mexico Consortium	7/22/15	Carbon Fixation Systems in Plants and Algae
CA2957921A1	CAN	New Mexico Consortium	7/22/15	Carbon Fixation Systems in Plants and Algae
PCT/US2015/0604 48 WO2016/077624	PCT	New Mexico Consortium	11/12/15	Transgenic Plants With Engineering Redox Sensitive Modulation of Photosynthetic Antenna Complex Pigments And Methods of Making the Same
15/594274 US2017/0356001	US	New Mexico Consortium	5/12/17	Transgenic Plants With Engineering Redox Sensitive Modulation of Photosynthetic Antenna Complex Pigments And Methods of Making the Same
EP15801586 EP3218497	EU	New Mexico Consortium	11/12/15	Transgenic Plants With Engineering Redox Sensitive Modulation of Photosynthetic Antenna Complex Pigments And Methods of Making the Same
IN201747019756 IN24/2017 IN		New Mexico Consortium	11/12/15	Transgenic Plants With Engineering Redox Sensitive Modulation of Photosynthetic Antenna Complex Pigments And Methods of Making the Same
a201705754	UA	New Mexico Consortium	11/12/15	Transgenic Plants With Engineering Redox Sensitive Modulation of Photosynthetic Antenna Complex Pigments And Methods of Making the Same
AU2015346281A AU2015346281A1	AUS	New Mexico Consortium	11/12/15	Transgenic Plants With Engineering Redox Sensitive Modulation of Photosynthetic Antenna Complex Pigments And Methods of Making the Same
CA2974716A CA2974716A	CAN	New Mexico Consortium	11/12/15	Transgenic Plants With Engineering Redox Sensitive Modulation of Photosynthetic Antenna Complex Pigments And Methods of Making the Same

Application # / Publication #	Туре	Registered Owner	Filing Date	Title	
62/649239 N/A	US	New Mexico Consortium	3/28/18 Expired	The Enhancement of Photosynthetic Rates, Abiotic Stress Tolerance and Biomass Yield Through Expression of a C4 Plant Ferredoxin in C3 Photosynthetic Plants	
PCT/US19/24669 WO2019/191488	PCT	New Mexico Consortium	3/28/19	The Enhancement of Photosynthetic Rates, Abiotic Stress Tolerance and Biomass Yield Through Expression of a C4 Plant Ferredoxin in C3 Photosynthetic Plants	

PATENT APPLICATIONS EXCLUSIVELY LICENSED BY TRAIT BIOSCIENCES FROM PEBBLE LABS USA, INC.

Patent License and Assignment Agreement, dated as of October 24, 2017, between Pebble Labs Inc. and Trait Biosciences Inc., as amended by Patent License and Assignment Agreement Amendment No. 1, dated as of April 1, 2018, as further amended by Amendment Two to the Patent License and Assignment Agreement, dated as of May 10, 2018, as further amended by Amendment Three to the Patent License and Assignment Agreement, dated as of October 1, 2018, as further amended by Amendment to Amendment Two and Amendment Three, dated as of November 19, 2018, as further amended by Amendment Four to the Patent License and Assignment Agreement, dated as of November 22, 2018, and as may be further amended, restated, supplemented or otherwise modified from time to time.

Application # / Publication #	Туре	Registered Owner	Priority Date	Title
PCT/US17/64977 WO2018/106847	РСТ	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
EP17878266 EP3550960A1	Europe	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
AU2017370683A AU2017370683A1	Australia	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
CA3046081A CA3046081A1	Canada	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens

Application # / Publication #	Туре	Registered Owner	Priority Date	Title
IL267133A IL267133D0	Israel	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
IN201917022527A IN30/2019	India	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
CN201780085822 A CN110402085A	China	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
JP2019551258A JP2020511472A	Japan	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
KR20197019340A KR2019122647A	Korea	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
MX/a/2019/006510	Mexico - NP	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
16/467,010 US2020/0071713	US	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens
BR11201911642A BR112019011642A 2	Brazil	Pebble Labs USA, Inc.	12/06/16	System And Methods For The Biocontrol of Plant Pathogens

SCHEDULE II TO TERMINATION AND RELEASE

TRADEMARKS

1. REGISTERED TRADEMARKS

None

2. CANADIAN TRADEMARK APPLICATIONS

Serial Number	Mark	Filing Date	Status	Owner
CA1961972	TRAIT DISTILLED	5/9/2019	PENDING	Trait Biosciences Inc.
CA1961973	TRAIT DEFENSE	5/9/2019	PENDING	Trait Biosciences Inc.
CA1961974	TRAIT TAILORED	5/9/2019	PENDING	Trait Biosciences Inc.
CA1961975	TRAIT AMPLIFIED	5/9/2019	PENDING	Trait Biosciences Inc.
CA1961976	TRAIT ZERO	5/9/2019	PENDING	Trait Biosciences Inc.

3. TRADEMARK LICENSES

Aware of None

4. COMMON LAW TRADEMARKS

- TRAIT
- TRAIT BIO
- TRAIT BIOSCIENCES
- TRAIT DISTILLED
- TRAIT DEFENSE
- TRAIT TAILORED
- GENIUS DISTILLED
- TRAIT AMPLIFIED
- TRAIT ZERO















SCHEDULE III TO TERMINATION AND RELEASE

DOMAIN NAMES

	Domain Name	Owner
1	www.traitbio.com	Trait Admin, Trait Biosciences Inc.

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SCHEDULE IV TO TERMINATION AND RELEASE

SOCIAL MEDIA

	Social Media Account
1	Twitter:
	www.twitter.com/TraitBio
2	LinkedIn:
	https://www.linkedin.com/company/traitbio
3	Instagram:
	https://www.instagram.com/traitbiosciences/

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RECORDED: 03/24/2021