

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5708907

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IPHENOTYPE LLC	09/06/2019
RECEIVING PARTY DATA	
Name:	CAPIA IP
Street Address:	11085 TORREYANA ROAD
Internal Address:	SUITE 100
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 17	
Property Type	Number
Patent Number:	9946796
Patent Number:	9839380
Patent Number:	10278624
Application Number:	15879165
Application Number:	61895964
Application Number:	61895969
Application Number:	61909386
Application Number:	61909378
Application Number:	61909873
Application Number:	61895974
Application Number:	15827031
Application Number:	14892186
Application Number:	16379410
PCT Number:	US2013042527
PCT Number:	US2014039281
PCT Number:	US2014039282
PCT Number:	US2014039286
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.

Email: lmartino@mendelip.com

Correspondent Name: MENDELSON DUNLEAVY, P.C.

Address Line 1: 1500 JOHN F. KENNEDY BLVD.

Address Line 2: TWO PENN CENTER, SUITE 312

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19102

ATTORNEY DOCKET NUMBER:	IPHN-0001
NAME OF SUBMITTER:	KEVIN J. DUNLEAVY
SIGNATURE:	/Kevin J. Dunleavy/
DATE SIGNED:	09/09/2019

Total Attachments: 6

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ASSIGNMENT

WHEREAS, **IPHENOTYPE LLC.**, a limited liability corporation, having a principal place of business at **11085 Torreyana Road, Suite 100, San Diego, California 92121** (hereafter referred to as the Assignor), is the owner of the entire right, title and interest in the patents and applications listed in Schedule A attached and the inventions disclosed therein; (hereinafter "the Patent Property").

WHEREAS, **CAPIA IP.**, hereinafter referred to as the ASSIGNEE, having its principal place of business at **11085 Torreyana Road, Suite 100, San Diego, California 92121**, is desirous of acquiring the entire right, title and interest in and to the said inventions, the patents and patent applications listed in Schedule A and and all letters patent issued on said inventions.

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said Assignee, and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned Assignor, intending to be legally bound, does hereby sell, assign and transfer to the Assignee and Assignee's successors, assigns and legal representatives the entire right, title and interest in said inventions and all patent applications thereon, including, but not limited to, the patents and patent applications listed on the attached Schedule A, including the right to claim priority to the application(s) in any application entitled to claim such priority under national law, international conventions, treaties or otherwise, and any and all continuations, divisions and renewals of and substitutes for said application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said Assignee, to file in my name applications for Letters Patent, the same to be held and enjoyed by said Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made..

AND the Assignor hereby covenants that the Assignor has full right to convey the entire interest herein assigned, and that the Assignor has not executed and will not execute any agreement in conflict herewith, and the Assignor further covenants and agree that each time request is made and without undue delay, the Assignor will execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application(s) and said Letters Patent to said Assignee, its successors, assigns, nominees, or legal representatives, and the Assignor agree to communicate to said Assignee or to its nominee all known facts respecting said invention(s) or improvement(s), said application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said invention(s) or improvement(s) in any and all countries.

AND the Assignor hereby authorizes and requests the Director – U.S. Patent and Trademark Office and any official of any country or countries foreign to the United States whose

duty it is to issue patents on application(s) as aforesaid, to issue to said Assignee, as Assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States and foreign countries which may be issued and granted on or as a result of the application(s) aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Dated: 9/6/19

Carolyn Short (L.S.)

IPHENOTYPE, LLC

Name of Assignee's Representative: Carolyn Short

Title of Assignee's Representative: President

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

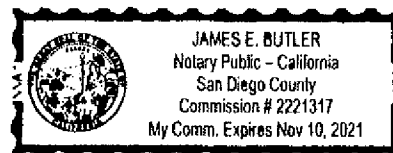
State of California)
County of San Diego)

On September 6, 2019, before me, James Butler, Notary Public, personally appeared Carolyn Short, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal.

James Butler
Name: James Butler
Notary Public



IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Dated: 9/6/19

Carolyn Short (L.S.)

CAPIA IP

Name of Assignee's Representative: Carolyn Short

Title of Assignee's Representative: President

ACKNOWLEDGMENT

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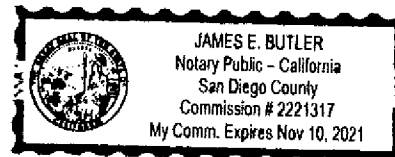
State of California)
County of San Diego)

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I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal.

James Butler
Name: James Butler
Notary Public



CASE NUMBER	COUNTRY	SUB CASE	APPLICATION STATUS	APPLICATION NO.	PATENT NO.
IPHN-1001	US	PCT	Granted	14/402,911	9,946,796
IPHN-1001	US	CON1	Published	15/879,165	
IPHN-1001	US	USP3	Expired	61/895,964	
IPHN-1001	US	USP4	Expired	61/895,969	
IPHN-1001	US	USP7	Expired	61/909,386	
IPHN-1001	WO	PCT	NatPhase	PCT/US13/42527	
IPHN-1001	EP	PCT	Abandoned	13794462.5	
IPHN-1001	US	USP6	Expired	61/909,378	
IPHN-1001	US	USP8	Expired	61/909,873	
IPHN-1001	US	USP5	Expired	61/895,974	
IPHN-1001	AU	PCT	Granted	2013266193	2013266193
IPHN-1001	CA	PCT	Abandoned	2,874,469	
IPHN-1001	JP	PCT	Granted	2015-514207	6453751
IPHN-1001	MX	PCT	Abandoned	MX/A/2014/014277	
IPHN-1001	CN	PCT	Abandoned	201380027116.8	
IPHN-1001	HK	REP	Abandoned	15109672.9	
IPHN-1002	WO	WO	NatPhase	PCT/US14/39281	
IPHN-1002	JP	WO	Abandoned	2016-515107	
IPHN-1002	MX	WO	Granted	MX/A/2015/016045	361092
IPHN-1002	MY	WO	Abandoned	PI 2015002790	
IPHN-1002	US	WO	Granted	14/892,185	9,839,380
IPHN-1002	HK		Published	16111432.5	
IPHN-1002	AU	WO	Abandoned	2014268416	

CASE NUMBER	COUNTRY	SUB CASE	APPLICATION STATUS	APPLICATION NO.	PATENT NO.
IPHN-1002	CA	WO	Abandoned	2,913,282	
IPHN-1002	CN	WO	Granted	201480029773.0	2014800297730
IPHN-1002	US	CON	Published	15/827,031	
IPHN-1002	EP	WO	Abandoned	14801639.7	
IPHN-1003	MY		Abandoned	PI 2015002788	
IPHN-1003	CA		Abandoned	2,913,285	
IPHN-1003	US		Allowed	14/892,186	
IPHN-1003	EP		Abandoned	14800690.1	
IPHN-1003	MX		Pending	MX/A/2015/016046	
IPHN-1003	JP		Granted	2016-515108	6440692
IPHN-1003	CN		Published	201480029847.0	
IPHN-1003	AU		Abandoned	2014268417	
IPHN-1003	WO		NatPhase	PCT/US14/39282	
IPHN-1003	HK		Abandoned	16111434.3	
IPHN-1004	HK	RCN	Lapsed	16108978.1	
IPHN-1004	JP	WO	Published	2016-515109	
IPHN-1004	EP	WO	Abandoned	14800495.5	
IPHN-1004	US	DIV	Pending	16/379,410	
IPHN-1004	US	WO	Granted	14/892,187	10,278,624
IPHN-1004	MY	WO	Abandoned	PI 2015002801	
IPHN-1004	MX	WO	Pending	MX/A/2015/016047	
IPHN-1004	AU	WO	Abandoned	2014268420	

CASE NUMBER	COUNTRY	SUB CASE	APPLICATION STATUS	APPLICATION NO.	PATENT NO.
IPHN-1004	CN	WO	Abandoned	201480029819.9	
IPHN-1004	CA	WO	Abandoned	2,913,334	
IPHN-1004	WO	WO	NatPhase	PCT/US14/39286	