

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ESTEBAN LEON DUQUE	11/02/2022
RECEIVING PARTY DATA	
Name:	JUUL LABS, INC.
Street Address:	560 20TH STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94107
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	14960259
Application Number:	62199828
Application Number:	16719884
PCT Number:	US2015064088
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>	
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Correspondent Name:	MINTZ LEVIN
Address Line 1:	ONE FINANCIAL CENTER
Address Line 4:	BOSTON, MASSACHUSETTS 02111
NAME OF SUBMITTER:	ELISSA M. KINGSLAND
SIGNATURE:	/Elissa M. Kingsland/
DATE SIGNED:	11/03/2022
Total Attachments: 5	
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ASSIGNMENT

I, **Esteban Leon Duque**, hereinafter referred to as "ASSIGNOR," for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, confirm that pursuant to employment contract(s) between ASSIGNOR and **JUUL Labs, Inc.**, with an office at **560 20th Street, San Francisco, CA 94107**, I intended to and have assigned, sold, transferred, and set over, and do hereby assign, sell, transfer, and set over unto **JUUL Labs, Inc.** and to its successors, assigns, and legal representatives, collectively hereinafter referred to as "ASSIGNEE":

(1) ASSIGNOR's entire right, title, and interest for the United States and in all countries, in and to any and all inventions, discoveries, and applications which are disclosed in any of the patent(s) and/or patent application(s) listed in the enclosed SCHEDULE (the "Patent(s)")*, including: (a) any subsequently filed patent applications, which claim priority to any of the Patent(s), including any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor; (b) any and all forms of intellectual and industrial property protection derivable from any of the Patent(s) or any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, divisions, and substitute applications of any of the Patent(s), including, without limitation, patents, applications, utility models, inventor's certificates, and designs; and (c) the right to sue for past infringement and to collect for all past, present, and future damages;

(2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in ASSIGNOR's name as the ASSIGNEE, or its designee's election, on said inventions, discoveries, and applications in all countries of the world;

(3) the entire right, title, and interest in and to any letters patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations, and extensions thereof, and any patents of confirmation, registration, and importation of the same; and

(4) the entire right, title, and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to said inventions, discoveries, and applications.

ASSIGNOR hereby authorizes and requests the competent authorities to grant and to issue any and all such letters patent in the United States and throughout the world to the ASSIGNEE of the entire right, title, and interest therein, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, sale, and transfer not been made.

ASSIGNOR agrees, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration, and importation based on any letters patent issuing on said inventions, discoveries, or applications and renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor.

* ASSIGNOR hereby authorizes the attorneys of record or the attorney recording this assignment to complete or correct any identifying information in the SCHEDULE, which may be necessary or desirable, in order to comply with the rules of the USPTO or any other competent authority for recordation of this document.

ASSIGNOR further agrees at any time, to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries, and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this assignment, including the execution, delivery, and procurement of any and all further documents evidencing this assignment, transfer, and sale as may be necessary or desirable.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said inventions, discoveries, and applications, said letters patent, and legal equivalents as may be known and accessible to ASSIGNOR, ASSIGNOR will testify as to the same in any interference, litigation, or proceeding related thereto, and ASSIGNOR will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and enforce said inventions, discoveries, and applications, said letters patent, and said legal equivalents which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR:

Date: 11/2/2022 | 1:35:30 PM PDT

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Esteban Leon Duque
54FE19ED5E354E5

Esteban Leon Duque

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AGREEMENT OF ASSIGNEE:

ASSIGNEE hereby agrees to the terms above and accepts the transfer.

Date: 11/2/2022 | 2:06:20 PM PDT

DocuSigned by:
Wayne Sobon
02880165A427437

Wayne Sobon
Vice President, Intellectual Property

SCHEDULE

TITLE	COUNTRY	APPLICATION #	DATE FILED	STATUS
CALIBRATED DOSE CONTROL	Hong Kong	42021033851.3	Dec 4, 2015	Published
CALIBRATED DOSE CONTROL	China	202010979688.8	Dec 4, 2015	Published
CALIBRATED DOSE CONTROL	European Patent Office	20210862.7	Dec 4, 2015	Published
CALIBRATED DOSE CONTROL	Russian Federation	2019140840	Dec 4, 2015	Published
CALIBRATED DOSE CONTROL	Republic of Korea	10-2017-7018659	Dec 4, 2015	Published
CALIBRATED DOSE CONTROL	Hong Kong	42021042562.5	Dec 4, 2015	Pending
CALIBRATED DOSE CONTROL	Australia	2021218151	Dec 4, 2015	Pending
CALIBRATED DOSE CONTROL	Mexico	MX/a/2022/003271	Dec 4, 2015	Pending
CALIBRATED DOSE CONTROL	Canada	2,969,728	Dec 4, 2015	Pending
CALIBRATED DOSE CONTROL	United States of America	14/960,259	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	Hong Kong	18104632.6	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	Germany	15865935.9	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	France	15865935.9	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	United Kingdom	15865935.9	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	Australia	2015357509	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	China	201580075615.3	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	European Patent Office	15865935.9	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	Israel	252658	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	Japan	2017-530033	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	Mexico	MX/a/2017/007042	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	New Zealand	732534	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	Russian Federation	2017123539	Dec 4, 2015	Issued
CALIBRATED DOSE CONTROL	Ukraine	a201706825	Dec 4, 2015	Issued

PATENT**REEL: 061643 FRAME: 0454**

TYPE	COUNTRY	APPLICATION #	PATENTED	STATUS
CALIBRATED DOSE CONTROL AND HEAT BLOCK RESERVOIR FOR E-CIGARETTE	United States of America	62/088,464	Dec 5, 2014	Expired
CALIBRATED DOSE CONTROL	United States of America	62/199,828	Jul 31, 2015	Expired
CALIBRATED DOSE CONTROL	PCT	PCT/US15/64088	Dec 4, 2015	Completed
CALIBRATED DOSE CONTROL	United States of America	16/719,884	Dec 18, 2019	Allowed

PATENT

REEL: 061643 FRAME: 0455

RECORDED: 11/03/2022