PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARIEL ATKINS	11/10/2017
ADAM BOWEN	11/10/2017
ALEXANDER J. GOULD	08/04/2017

RECEIVING PARTY DATA

Name:	JUUL LABS, INC.
Street Address:	660 ALABAMA STREET
Internal Address:	SECOND FLOOR
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94110

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15851509

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	062210-522C01US	
NAME OF SUBMITTER:	LI (LILY) ZHANG	
SIGNATURE:	/li zhang/	
DATE SIGNED:	06/25/2020	

Total Attachments: 2

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PATENT REEL: 053044 FRAME: 0567 506126232

Docket No.: 52210-522 / 743

ASSIGNMENT

We, Ariel Atkins, Adam Bowen, and Alexander J. Gould, the undersigned, herein each referred to as an ASSIGNOR, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have each sold and assigned, and do hereby assign, sell and transfer to JUUL LABS, INC., with an office at 660 Alabama Street, Second Floor, San Francisco, California 94110, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our 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:

Anemometric-Assisted Control of a Vaporizer, U.S. Provisional Patent Application No. 62/371,463, filed on August 5, 2016;

Anemometric-Assisted Control of a Vaporizer, U.S. Patent Application No. 15/669,768, filed on August 4, 2017;

Anemometric-Assisted Control of a Vaporizer, International Application No. PCT/US2017/045616, filed on August 4, 2017; and/or

Anemometric-Assisted Control of a Vaporizer, Taiwan Patent Application No. 106126615, filed on August 7, 2017,

Patent Application No. 62/371,463, U.S. Patent Application No. 15/669,768, International Application No. PCT/US2017/045616, and/or Taiwan Patent Application No. 106126615, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in our names as the ASSIGNEE, or its designee's election, on the aforesaid 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 the above inventions, discoveries and applications.

We hereby authorize and request 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 us had this assignment, sale and transfer not been made.

We agree, 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 divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

PATENT REEL: 053044 FRAME: 0568 We further agree 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.

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

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to each ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and 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 application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR:

Date: 11 10 17

Date: 8-4-17

Ariel Atkins

Adam Bowen

Alexander I Could

AGREEMENT OF ASSIGNEE:

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

Date: $\sqrt{\frac{1}{2}}$

Wayne Sobon

Vice President, Intellectual Property

PATENT REEL: 053044 FRAME: 0569

Docket No.: 52210-522 / 743

RECORDED: 06/25/2020