

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5773320

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WILLIAM W. ALSTON	09/10/2019
ADAM BOWEN	09/10/2019
JOSHUA A. KURZMAN	09/10/2019
JAMES MONSEES	09/11/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JUUL LABS, INC.
<b>Street Address:</b>	560 20TH STREET
<b>Internal Address:</b>	BUILDING 104
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94107
<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	62897229
Application Number:	62730257
Application Number:	16566842
PCT Number:	US1950832
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)314-1501
<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>	
<b>Phone:</b>	8583141500
<b>Email:</b>	mtupper@mintz.com
<b>Correspondent Name:</b>	MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC
<b>Address Line 1:</b>	3580 CARMEL MOUNTAIN RD #300
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92130
<b>ATTORNEY DOCKET NUMBER:</b>	062210-594
<b>NAME OF SUBMITTER:</b>	JUSTIN J. LEISEY
<b>SIGNATURE:</b>	/Justin J Leisey/

<b>DATE SIGNED:</b>	10/16/2019
<b>Total Attachments: 3</b> source=52210-594 - Executed Assignment (P01 P02)#page1.tif source=52210-594 - Executed Assignment (P01 P02)#page2.tif source=52210-594 - Executed Assignment (P01 P02)#page3.tif	

## ASSIGNMENT

We, **William W. Alston, Adam Bowen, Joshua A. Kurzman, and James Monsees**, hereinafter each referred to as “ASSIGNOR,” for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, confirm that I do hereby assign, sell, transfer, and set over unto **JUUL Labs, Inc.**, with an office at **560 20th Street, Building 104, San Francisco, CA 94107**, 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(s) applications 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 the Patent(s) or any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, divisions, and substitute applications of the Patent(s), including, without limitation, service marks, 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 the 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.

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\* 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.

**William W. Alston et al. Assignment****Docket No.: 62210-594 Family****Page 2 of 3**

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, 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: 9/10/2019 | 8:22:18 PM EDT

DocuSigned by:  
  
618CA8934B04A7...  
**William W. Alston**


Date: 9/10/2019 | 11:39:52 PM EDT

DocuSigned by:  
  
ED9593046EC2439...  
**Adam Bowen**

Date: 9/10/2019 | 2:47:32 AM EDT

DocuSigned by:  
  
05CAUC8E401A385...  
**Joshua A. Kurzman**


Date: 9/11/2019 | 1:59:52 PM EDT

DocuSigned by:  
  
91D43AF9BF7F4DD...  
**James Monsees**

**AGREEMENT OF ASSIGNEE:**

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

Date: 9/11/2019 | 3:49:43 PM EDT

DocuSigned by:  
  
913355833C874A5...  
**Wayne Sobon**  
**Vice President, Intellectual Property**

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**Docket No.: 62210-594 Family**  
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**SCHEDULE**

TIME	COUNTRY	APPLICATION#	DATE FILING	STATUS	DOCKET NUMBER
Vaporizer Including (PTCR) Positive Temperature Coefficient of Resistivity Heating Element	US	62/897,229	September 6, 2019	Pending	62210-594P02US
Vaporizer Including Positive Temperature Coefficient of Resistivity Heater	US	62/730,257	September 12, 2018	Pending	62210-594P01US

**PATENT**