

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JAMES MONSEES | 06/20/2018 |
| ADAM BOWEN | 06/20/2018 |
| NICHOLAS JAY HATTON | 06/20/2018 |
| STEVEN CHRISTENSEN | 06/20/2018 |
| KEVIN LOMELI | 06/20/2018 |
| ARIEL ATKINS | 06/20/2018 |
| RECEIVING PARTY DATA | |
| Name: | JUUL LABS, INC. |
| Street Address: | 560 20TH STREET, BUILDING 104 |
| City: | SAN FRANCISCO |
| State/Country: | CALIFORNIA |
| Postal Code: | 94107 |
| PROPERTY NUMBERS Total: 5 | |
| Property Type | Number |
| Application Number: | 14581666 |
| PCT Number: | US2014072230 |
| Application Number: | 61920225 |
| Application Number: | 61936593 |
| Application Number: | 61937755 |
| CORRESPONDENCE DATA | |
| Fax Number: | (858)314-1501 |
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| Correspondent Name: | MINTZ LEVIN |
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| ATTORNEY DOCKET NUMBER: | 052210-508 |

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| NAME OF SUBMITTER: | NICHOLAS P. MOUTON |
| SIGNATURE: | /npm/ |
| DATE SIGNED: | 06/28/2018 |
| Total Attachments: 3 source=052210-508001x Executed Assignment#page1.tif source=052210-508001x Executed Assignment#page2.tif source=052210-508001x Executed Assignment#page3.tif | |

ASSIGNMENT

We, **James Monsees, Adam Bowen, Nicholas Jay Hatton, Steven Christensen, Kevin Lomeli, and Ariel Atkins**, 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 **560 20th Street, Building 104, San Francisco, CA 94107**, 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 the patents or patent applications listed in the enclosed SCHEDULE, including (a) the right to sue for past infringement and to collect for all past, present, and future damages, (b) any subsequently filed patent applications, which claim priority to any of the patents or patent applications listed in the enclosed SCHEDULE, including any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and (c) any and all forms of intellectual and industrial property protection derivable from any of the patents or patent applications listed in the enclosed SCHEDULE or any continuing applications, reissues, extensions, renewals, and reexaminations of any of the patents or patent applications listed in the enclosed SCHEDULE, including, without limitation, patents, applications, utility models, inventor's certificates, and designs;
- (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.

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, said Letters Patent, and legal equivalents, as may be known and accessible to each ASSIGNOR, that each ASSIGNOR will testify as to the same in any interference, litigation, or proceeding related thereto, and that each 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 application, said invention, said Letters Patent, and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR:


Date: 6/20/18


James Monsees


Date: 6/20/18


Adam Bowen

Date: 6/20/18


Nicholas Jay Hatton


Date: 6/20/18


Steven Christensen

Date: 6/20/18


Kevin Lomeli


Date: 6/20/18


Ariel Atkins

AGREEMENT OF ASSIGNEE:

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

Date: 6/21/18


Wayne Sobon
Vice President, Intellectual Property

SCHEDULE

| COUNTRY | APPLICATION # | TITLE | DATE FILED | DOCKET # | JUUL REF # |
|--------------------------|-------------------|---|--------------|----------------|------------|
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