

PUBLIC EXHIBIT 8

Infringement Claim Chart for U.S. Patent No. 11,497,864¹

Independent claims 1, 5, 9, 21, 25, 29, 38 and 45

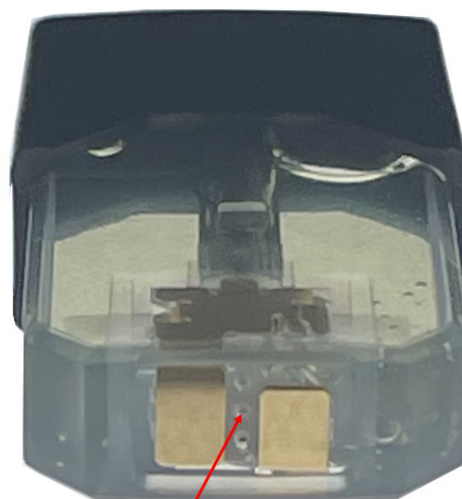
Claim 1	
1. A cartridge configured to couple to a power source of an electronic vaporizer, the cartridge comprising:	The JUUL system includes a cartridge configured to couple to a power source of an electronic vaporizer.  The diagram illustrates the components of the JUUL system. At the top left is a small black cartridge with a red label 'cartridge' pointing to it. To its right is a long, thin black power source with a red label 'power source' pointing to it. Below the power source is a battery with a red label 'battery' pointing to it. The battery is a rectangular unit with a yellow label that reads '+ATL 3.7V 0.74Wh', '4512 200mAh', and 'C14249E11840'. To the right of the battery is a grey electronic vaporizer with a black mouthpiece and two gold-colored contacts on the bottom.

¹ This chart is based on information currently available to NJOY. NJOY reserves all rights to update, modify, and/or clarify its infringement positions as it obtains additional information through discovery.

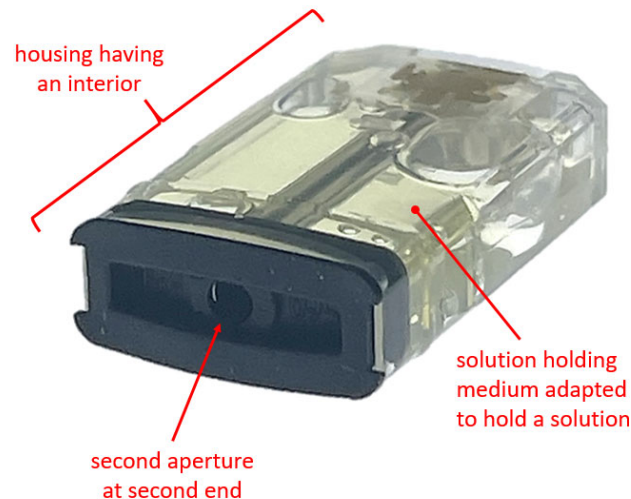
Claim 1

a housing having an interior and a solution holding medium adapted to hold a solution, the housing having a first end and a second end that is opposite the first end, the housing having a first aperture proximate the first end and a second aperture proximate the second end,

The JUUL system includes a cartridge comprising a housing with an interior and a solution holding medium that holds a solution, the housing has a first aperture proximate a first end and a second aperture proximate a second end that is opposite the first end.



first aperture
at first end



housing having
an interior

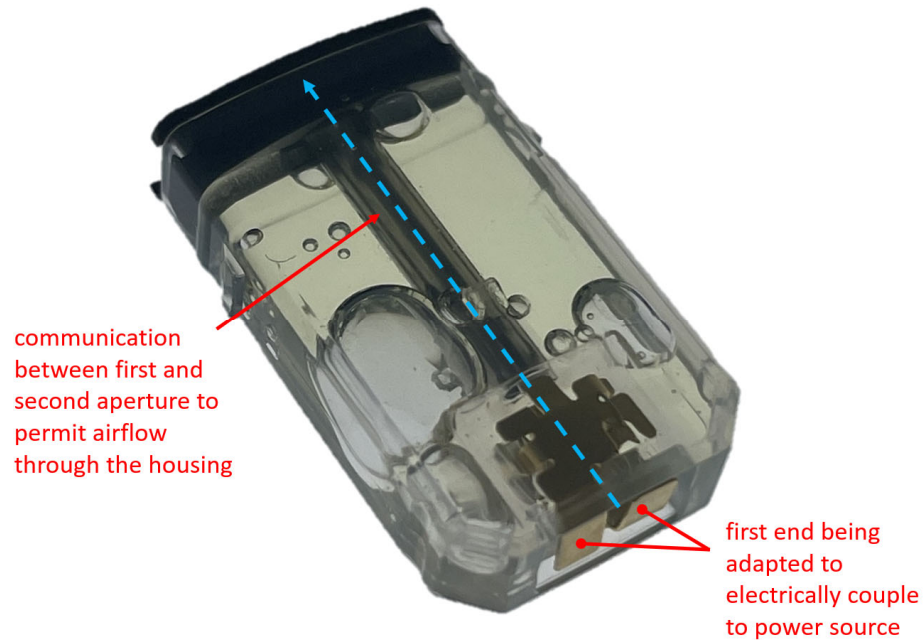
second aperture
at second end

solution holding
medium adapted
to hold a solution

Claim 1

the first end of the housing being adapted to electrically couple to the power source, the first aperture and the second aperture being in communication with one another to permit an airflow through the housing from the first aperture to the second aperture;

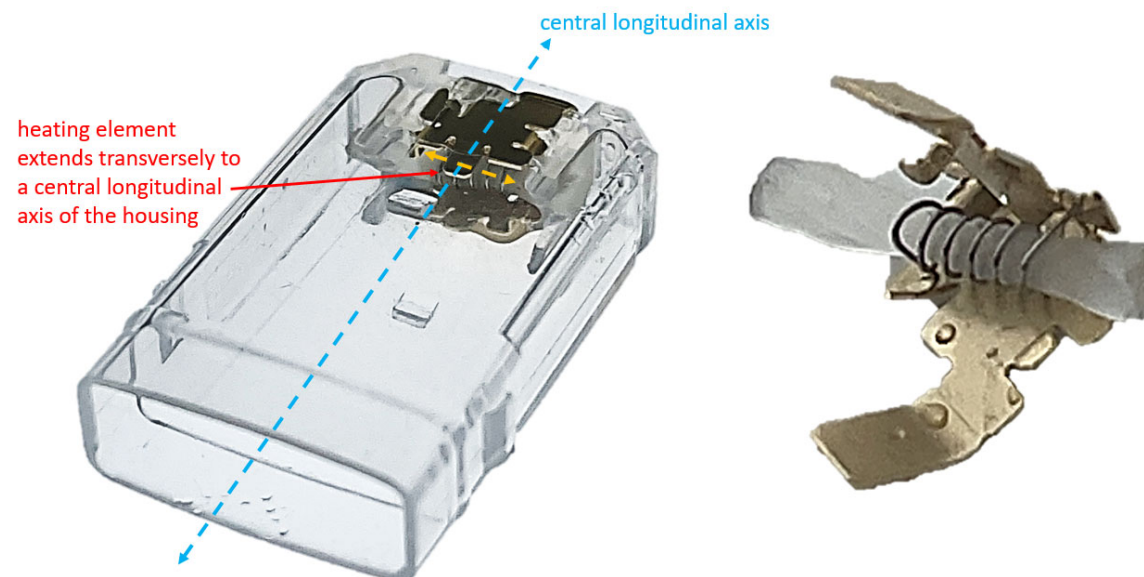
The JUUL system includes a cartridge comprising a housing where the first end of the housing is adapted to electrically couple to the power source, and the first aperture and the second aperture are in communication to permit an airflow through the housing from the first aperture to the second aperture.



Claim 1

a heating element located in the interior of the housing, the heating element extending transversely to a central longitudinal axis of the housing and being at least partially exposed to the airflow, the heating element being configured to vaporize at least a portion of the solution for oral provision to an individual in the airflow, the heating element being responsive to electrical power received from the power source; and

The JUUL system includes a cartridge comprising a heating element located in the interior of the housing, the heating element extends transversely to the central longitudinal axis of the housing and being at least partially exposed to airflow, is configured to vaporize a portion of the solution for oral provision to an individual in the airflow, and is responsive to electrical power received from the power source.



Claim 1

an airflow passageway in the housing, at least a portion of the airflow passageway extending centrally and axially with respect to the housing, wherein the airflow passageway extends centrally and axially from the first aperture to the second aperture.

The JUUL system includes a cartridge comprising an airflow passageway in the housing that extends centrally and axially from the first aperture to the second aperture.

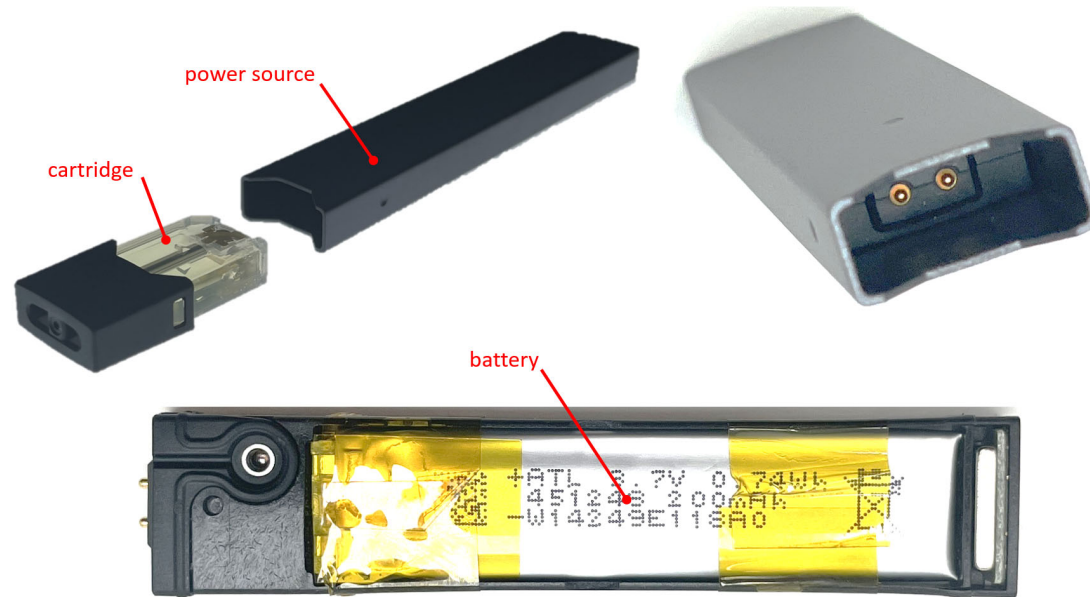
airflow passageway
extends centrally and
axially from first
aperture to second
aperture



Claim 5

5. A cartridge configured to couple to a power source of an electronic vaporizer, the cartridge comprising:

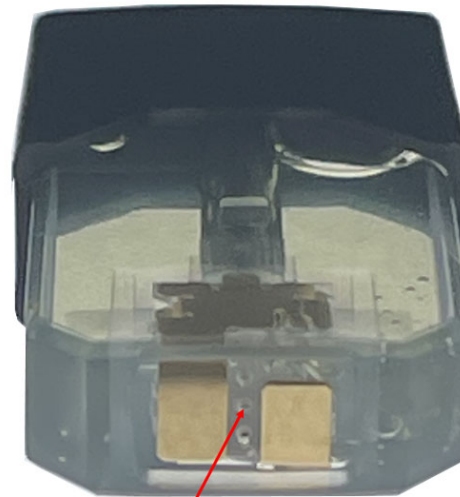
The JUUL system includes a cartridge configured to couple to a power source of an electronic vaporizer.



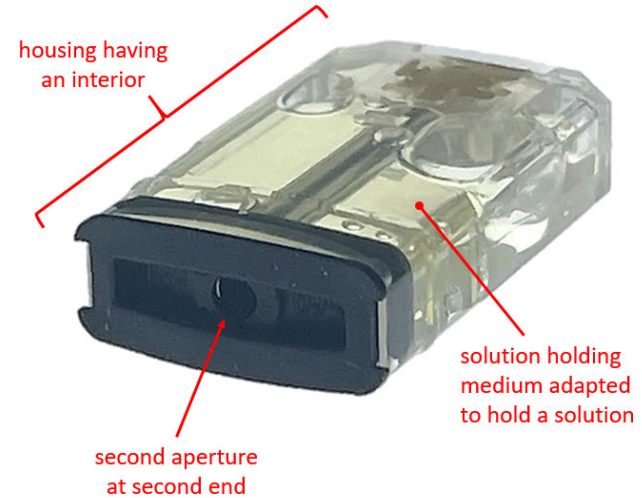
Claim 5

a housing having an interior and a solution holding medium adapted to hold a solution, the housing having a first end and a second end that is opposite the first end, the housing having a first aperture proximate the first end and a second aperture proximate the second end,

The JUUL system includes a cartridge comprising a housing with an interior and a solution holding medium that holds a solution, the housing has a first aperture proximate a first end and second aperture proximate a second end that is opposite the first end.



first aperture
at first end



housing having
an interior

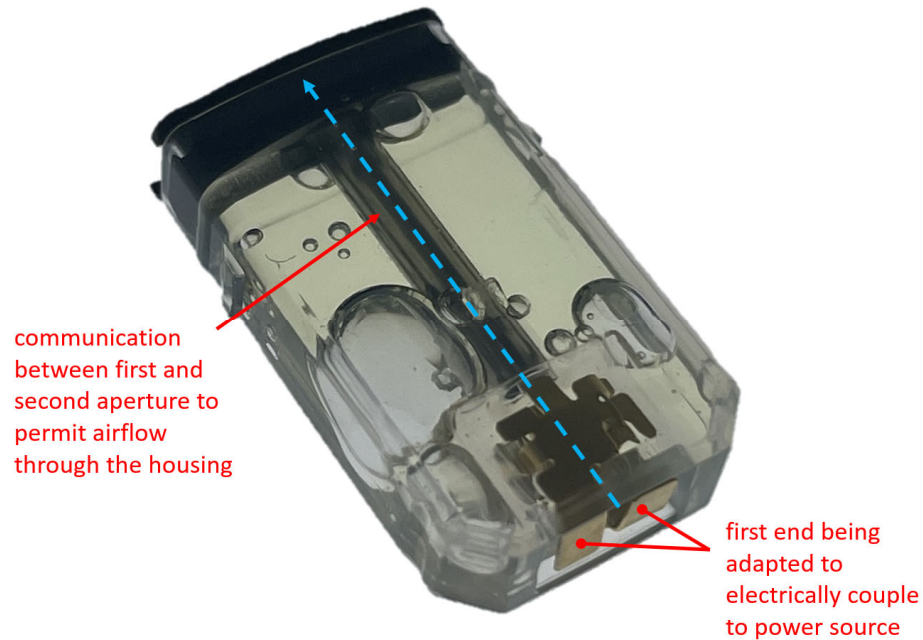
second aperture
at second end

solution holding
medium adapted
to hold a solution

Claim 5

the first end of the housing being adapted to electrically couple to the power source, the first aperture and the second aperture being in communication with one another to permit an airflow through the housing from the first aperture to the second aperture;

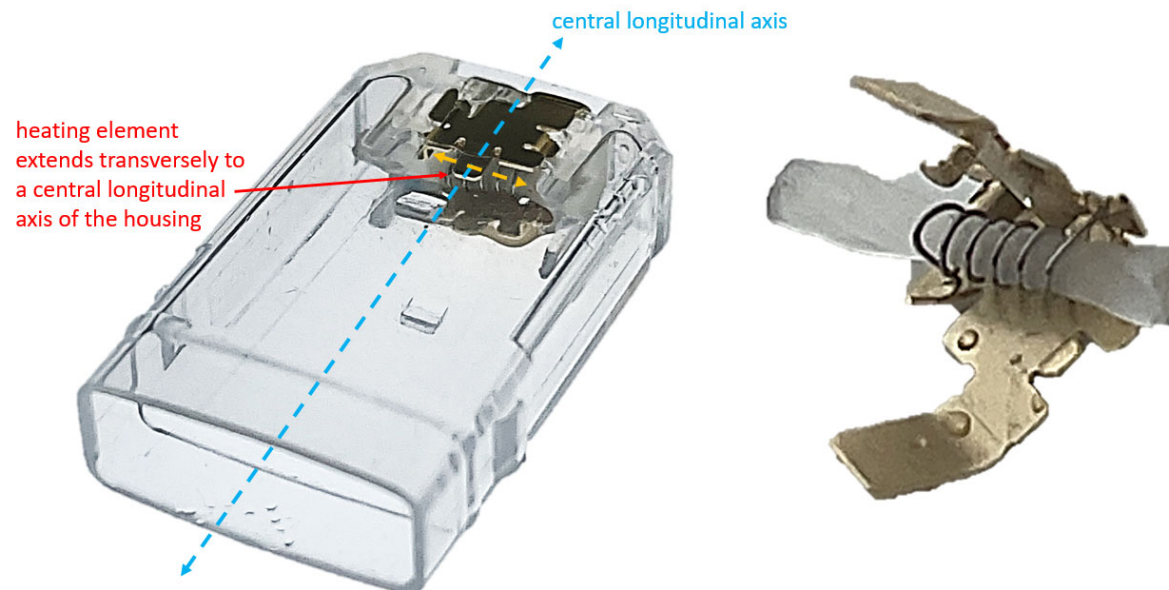
The JUUL system includes a cartridge comprising a housing where the first end of the housing is adapted to electrically couple to the power source, and the first aperture and the second aperture are in communication to permit an airflow through the housing from the first aperture to the second aperture.



Claim 5

a heating element located in the interior of the housing, the heating element extending transversely to a central longitudinal axis of the housing and being at least partially exposed to the airflow, the heating element being configured to vaporize at least a portion of the solution for oral provision to an individual in the airflow, the heating element being responsive to electrical power received from the power source; and

The JUUL system includes a cartridge comprising a heating element located in the interior of the housing, the heating element extends transversely to the central longitudinal axis of the housing and being at least partially exposed to airflow, is configured to vaporize a portion of the solution for oral provision to an individual in the airflow, and is responsive to electrical power received from the power source.



Claim 5

an airflow passageway in the housing, at least a portion of the airflow passageway extending centrally and axially with respect to the housing, wherein the airflow passageway extends in a straight path from the first aperture to the second aperture with only the heating element obstructing a portion of the airflow through the airflow passageway along the central longitudinal axis of the housing.

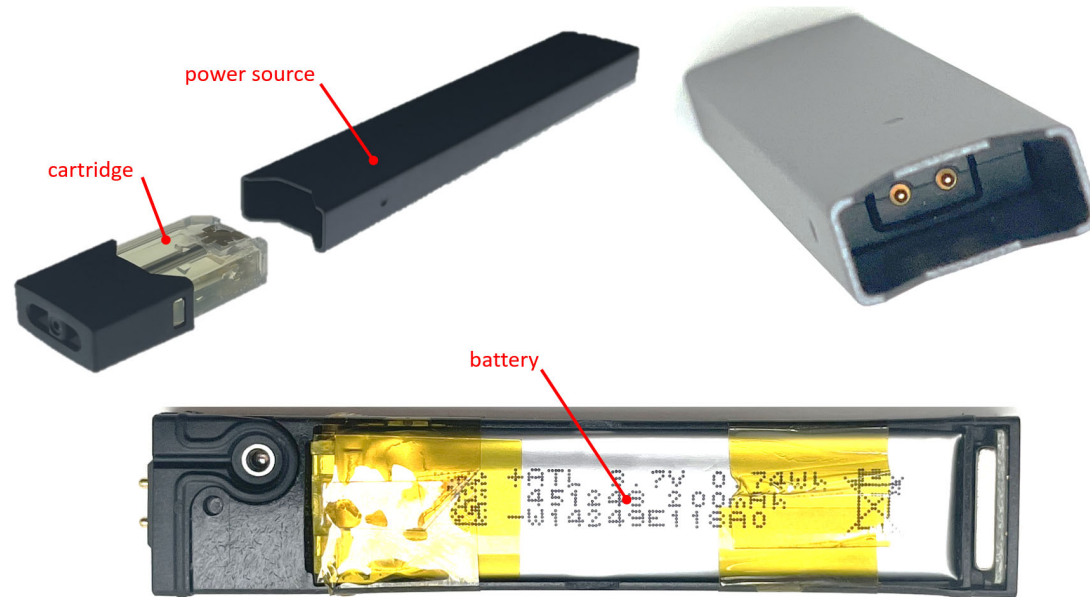
The JUUL system includes a cartridge comprising an airflow passageway in the housing that extends centrally and axially and in a straight path from the first aperture to the second aperture with only the heating element obstructing a portion of the airflow passageway along the central longitudinal axis.



Claim 9

9. A cartridge configured to couple to a power source of an electronic vaporizer, the cartridge comprising:

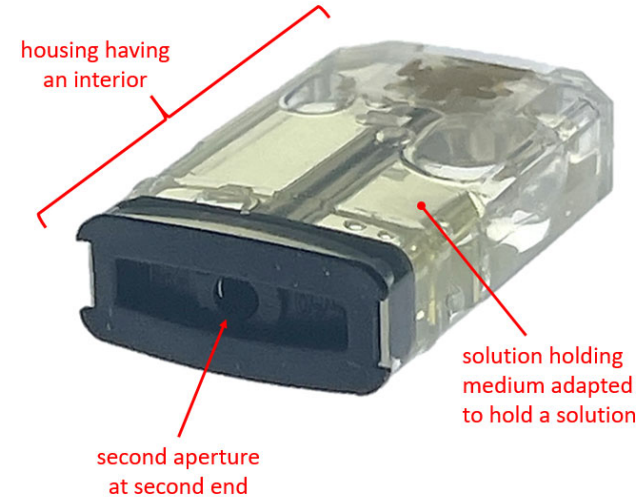
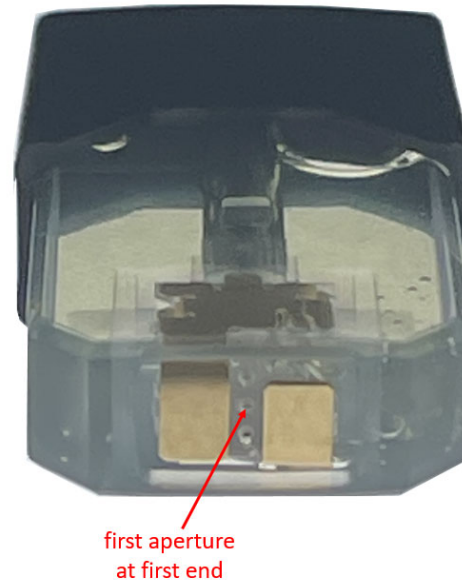
The JUUL system includes a cartridge configured to couple to a power source of an electronic vaporizer.



Claim 9

a housing having an interior and a solution holding medium adapted to hold a solution, the housing having a first end and a second end that is opposite the first end, the housing having a first aperture proximate the first end and a second aperture proximate the second end,

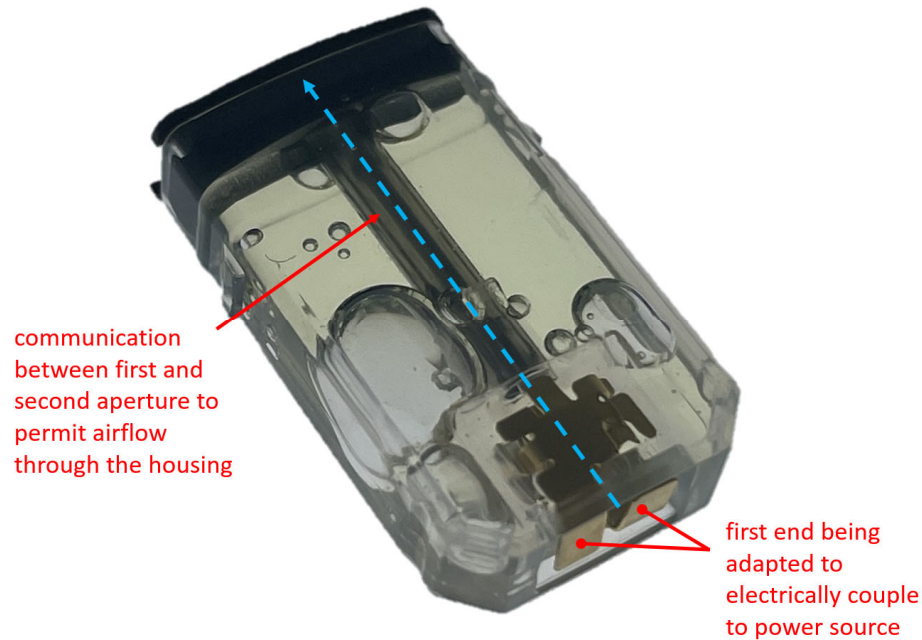
The JUUL system includes a cartridge comprising a housing with an interior and a solution holding medium that holds a solution, the housing has a first aperture proximate a first end and second aperture proximate a second end that is opposite the first end.



Claim 9

the first end of the housing being adapted to electrically couple to the power source, the first aperture and the second aperture being in communication with one another to permit an airflow through the housing from the first aperture to the second aperture; and

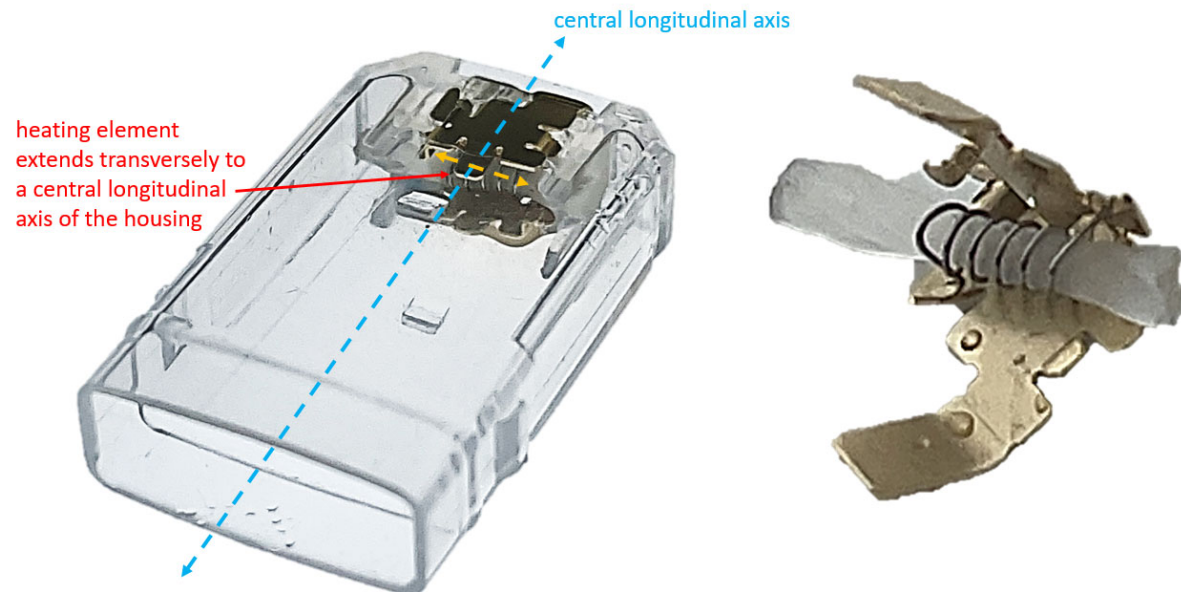
The JUUL system includes a cartridge comprising a housing where the first end of the housing is adapted to electrically couple to the power source, the first aperture and the second aperture are in communication to permit an airflow through the housing from the first aperture to the second aperture.



Claim 9

a heating element located in the interior of the housing, the heating element extending transversely to a central longitudinal axis of the housing and being at least partially exposed to the airflow, the heating element being configured to vaporize at least a portion of the solution for oral provision to an individual in the airflow, the heating element being responsive to electrical power received from the power source,

The JUUL system includes a cartridge comprising a heating element located in the interior of the housing, the heating element extends transversely to the central longitudinal axis of the housing and being at least partially exposed to airflow, is configured to vaporize a portion of the solution for oral provision to an individual in the airflow, and is responsive to electrical power received from the power source.



Claim 9

wherein the airflow through the housing follows an airflow path, a first portion of the airflow path proximate the first aperture being defined substantially centrally and axially with respect to the central longitudinal axis of the housing, and a second portion of the airflow path proximate the second aperture being defined substantially centrally and axially with respect to the central longitudinal axis of the housing.

The JUUL system includes an airflow through the housing that follows an airflow path, a first portion of the airflow path proximate the first end is defined substantially centrally and axially with respect to the central longitudinal axis of the housing, and a second portion of the airflow path proximate the second end is defined substantially centrally and axially with respect to the central longitudinal axis of the housing.

second portion of
airflow path proximate
second aperture
defined substantially
centrally and axially

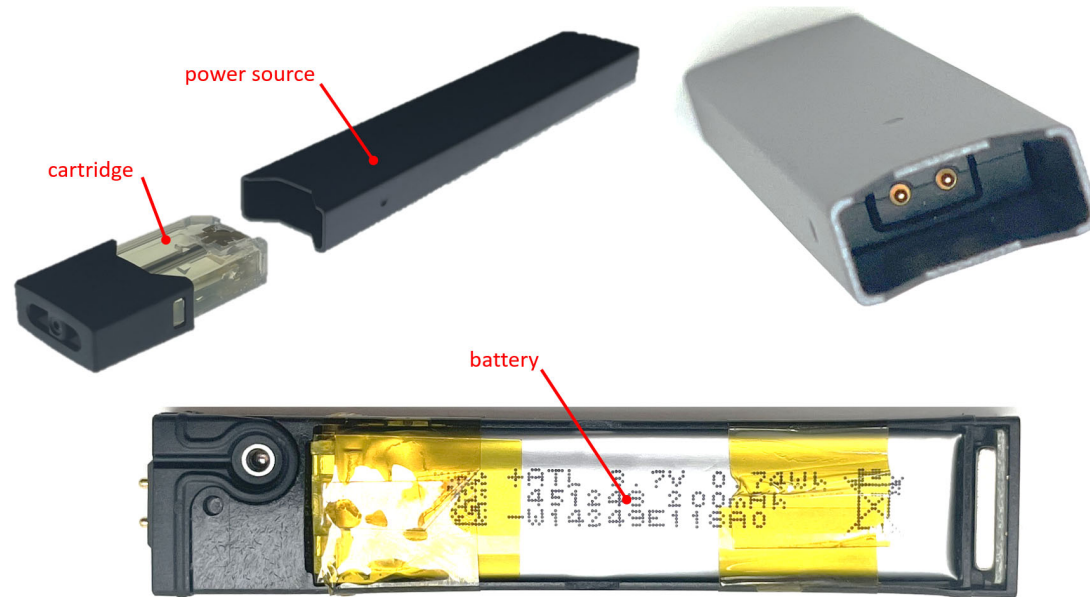
first portion of airflow
path proximate first
aperture defined
substantially centrally
and axially



Claim 21

21. A cartridge configured to couple to a power source of an electronic vaporizer, the cartridge comprising:

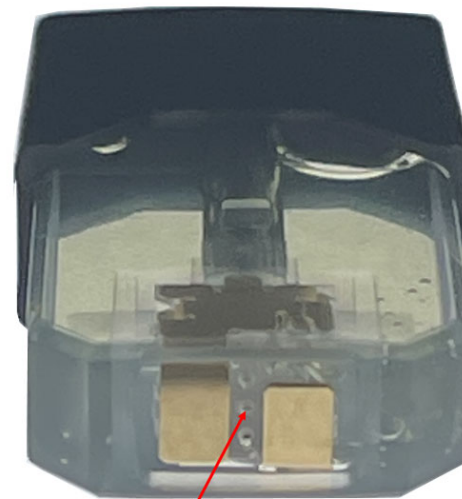
The JUUL system includes a cartridge configured to couple to a power source of an electronic vaporizer.



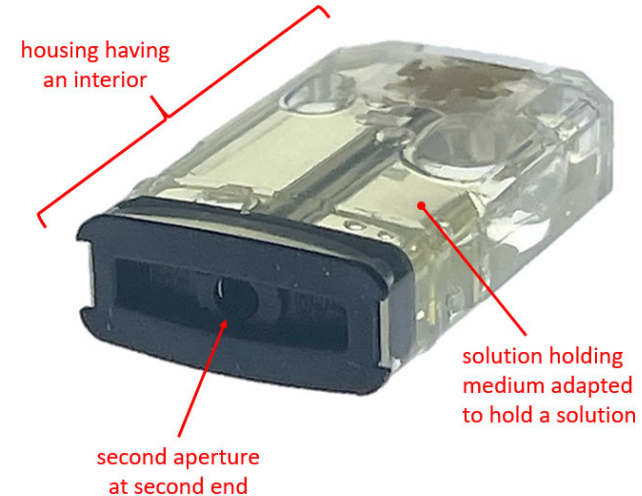
Claim 21

a housing having an interior and a solution holding medium adapted to hold a solution, the housing having a first end and a second end that is opposite the first end and a central longitudinal axis extending from the first end to the second end, the housing having a first aperture proximate the first end and a second aperture proximate the second end,

The JUUL system includes a cartridge comprising a housing with an interior and a solution holding medium that holds a solution, the housing has a first aperture proximate a first end and second aperture proximate a second end that is opposite the first end.



first aperture
at first end



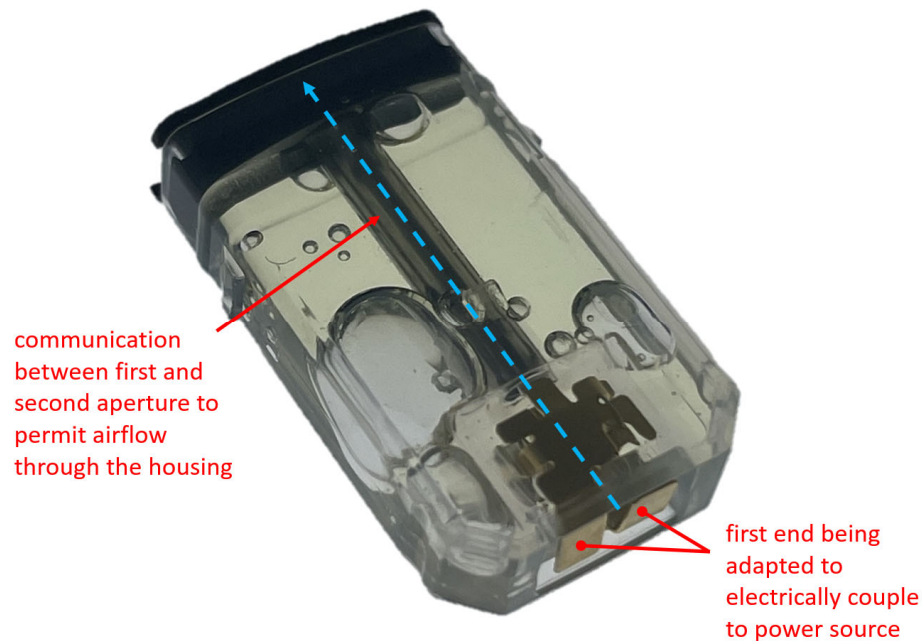
solution holding
medium adapted
to hold a solution

second aperture
at second end

Claim 21

the first end of the housing being adapted to electrically couple to the power source, the first aperture and the second aperture being in communication with one another to permit an airflow through the housing; and

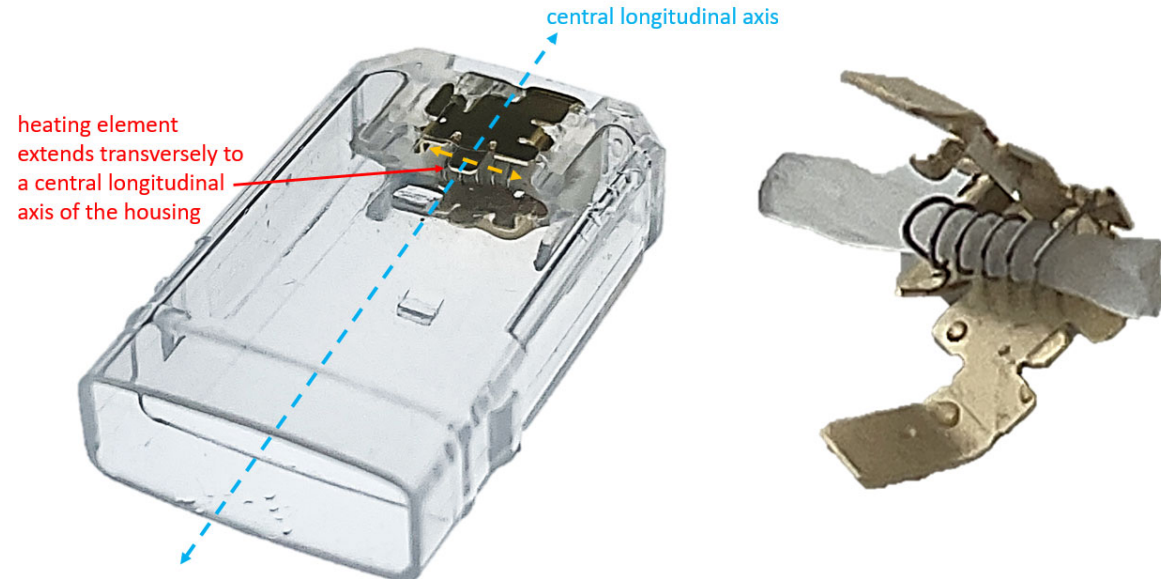
The JUUL system includes a cartridge comprising a housing where the first end of the housing is adapted to electrically couple to the power source, the first aperture and the second aperture are in communication to permit an airflow through the housing from the first aperture to the second aperture.



Claim 21

a heating element located in the interior of the housing, the heating element including a coil extending transversely to the central longitudinal axis of the housing and transversely to a direction of the airflow such that the airflow passes on both transverse sides of the heating element during use of the electronic vaporizer, the heating element being configured to vaporize at least the portion of the solution drawn to the heating element for oral provision to an individual in the airflow, the heating element being responsive to electrical power received from the power source; and

The JUUL system includes a cartridge comprising a heating element located in the interior of the housing, the heating element includes a coil that extends transversely to the central longitudinal axis of the housing and transversely to the direction of airflow such that airflow passes on both sides of the heating element, is configured to vaporize a portion of the solution for oral provision to an individual in the airflow, and is responsive to electrical power received from the power source.



Claim 21

an airflow passageway in the housing, at least a portion of the airflow passageway extending centrally and axially with respect to the housing, wherein the airflow passageway extends centrally and axially from the first aperture to the second aperture.

The JUUL system includes a cartridge comprising an airflow passageway in the housing that extends centrally and axially from the first aperture to the second aperture.

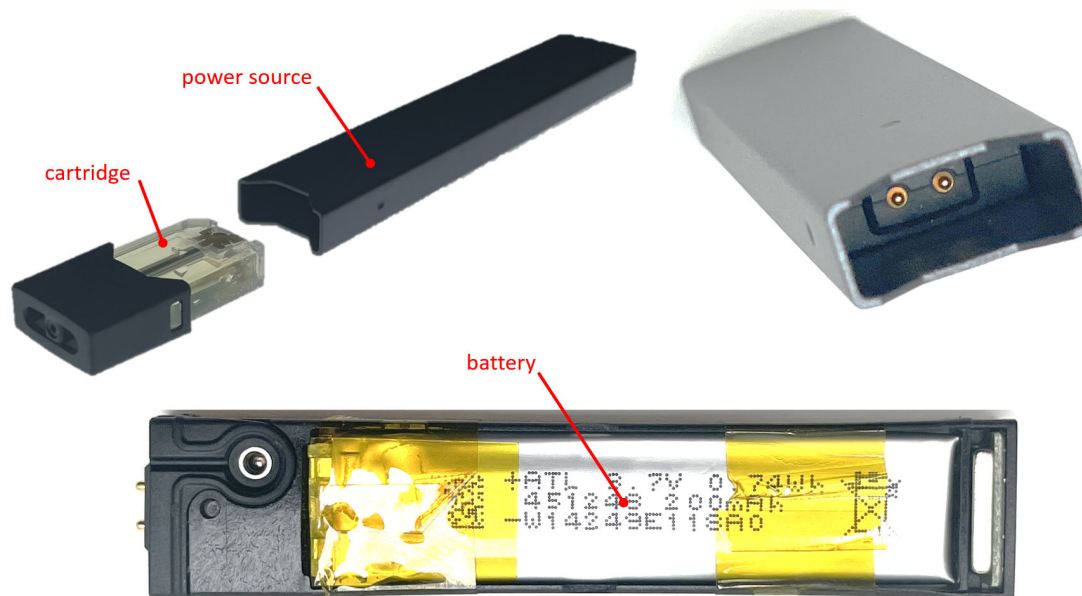
airflow passageway
extends centrally and
axially from first
aperture to second
aperture



Claim 25

25. A cartridge configured to couple to a power source of an electronic vaporizer, the cartridge comprising:

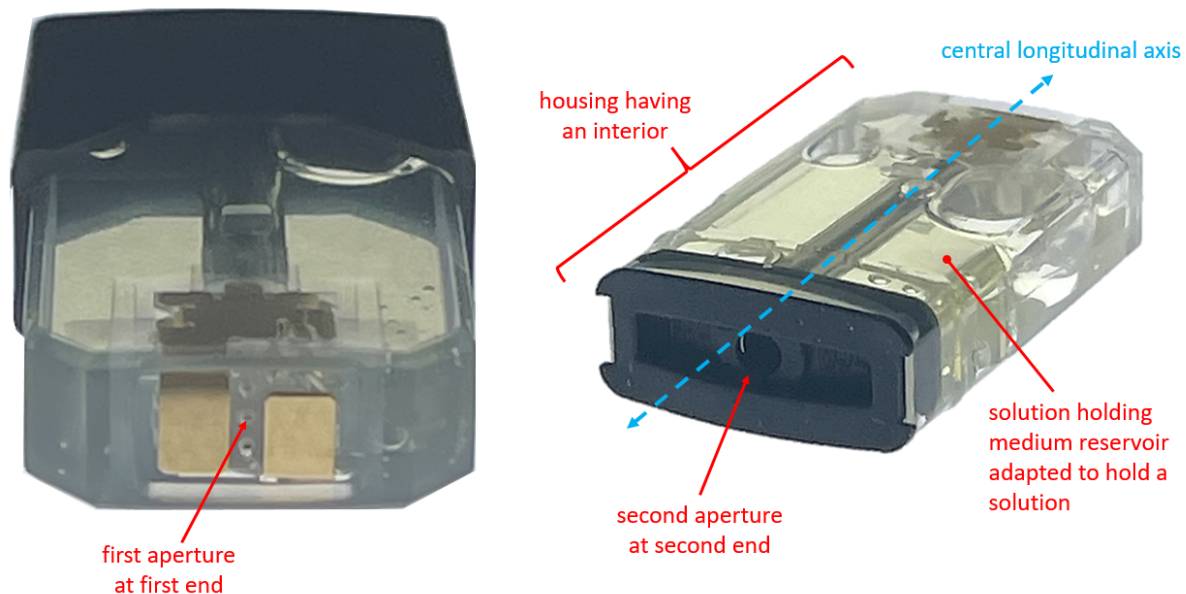
The JUUL system includes a cartridge configured to couple to a power source of an electronic vaporizer.



Claim 25

a housing having an interior and a solution holding medium adapted to hold a solution, the housing having a first end and a second end that is opposite the first end and a central longitudinal axis extending from the first end to the second end, the housing having a first aperture proximate the first end and a second aperture proximate the second end,

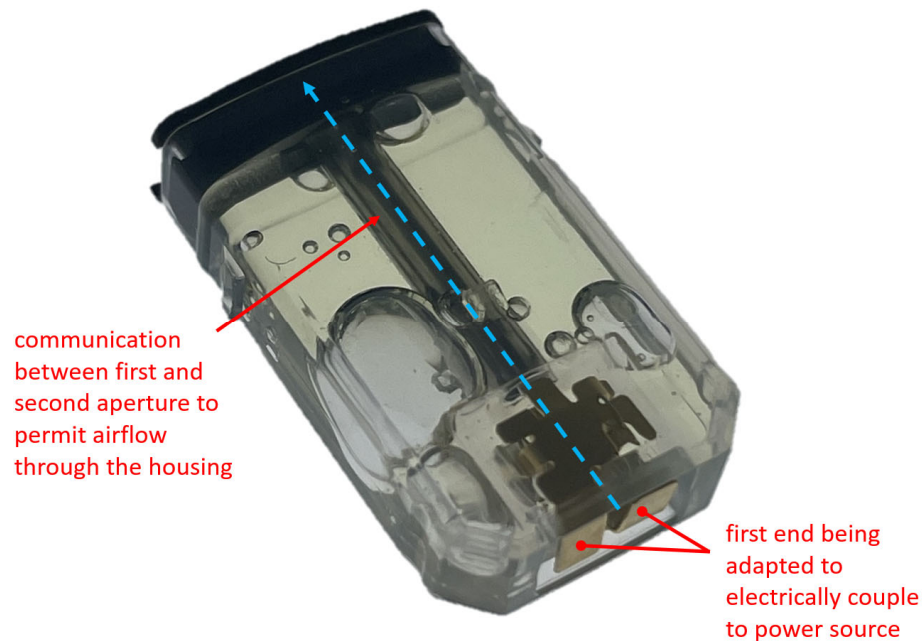
The JUUL system includes a cartridge comprising a housing with an interior and a solution holding medium that holds a solution, the housing has a first aperture proximate a first end and second aperture proximate a second end that is opposite the first end, and a central longitudinal axis extending from the first to second end.



Claim 25

the first end of the housing being adapted to electrically couple to the power source, the first aperture and the second aperture being in communication with one another to permit an airflow through the housing; and

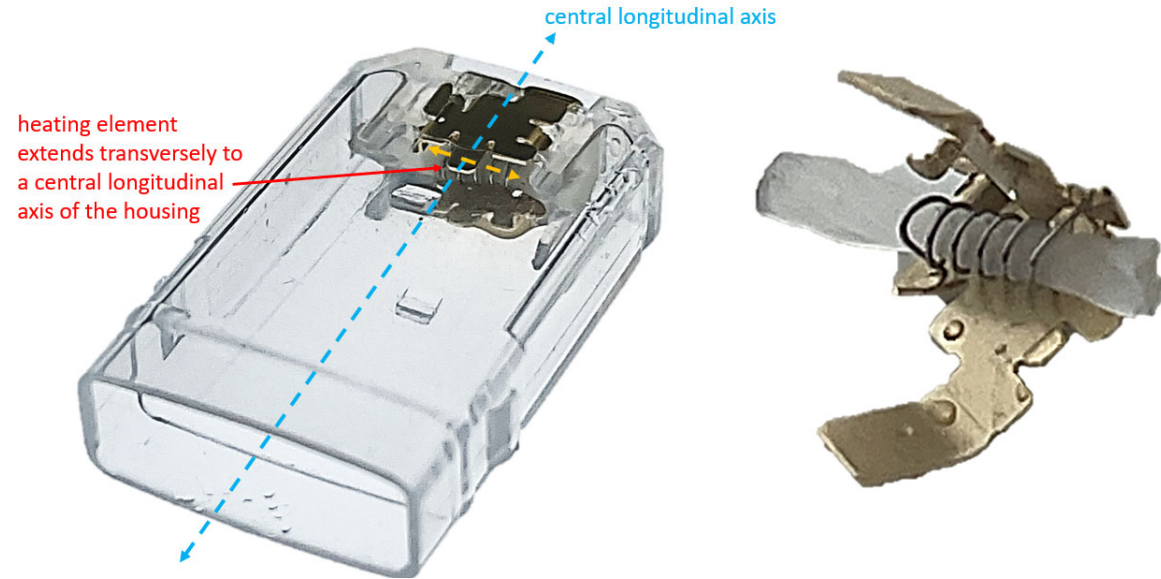
The JUUL system includes a cartridge comprising a housing where the first end of the housing is adapted to electrically couple to the power source, the first aperture and the second aperture are in communication to permit an airflow through the housing from the first aperture to the second aperture.



Claim 25

a heating element located in the interior of the housing, the heating element including a coil extending transversely to the central longitudinal axis of the housing and transversely to a direction of the airflow such that the airflow passes on both transverse sides of the heating element during use of the electronic vaporizer, the heating element being configured to vaporize at least the portion of the solution drawn to the heating element for oral provision to an individual in the airflow, the heating element being responsive to electrical power received from the power source; and

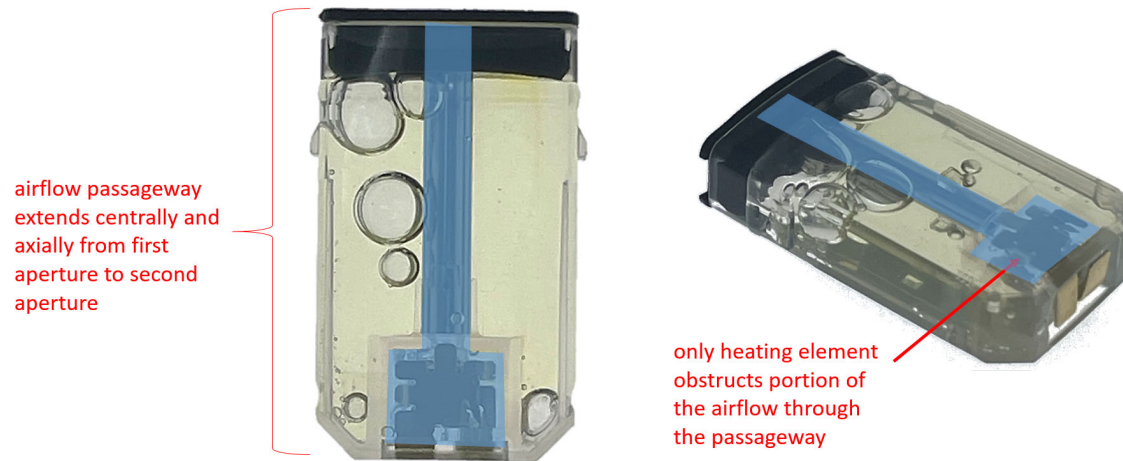
The JUUL system includes a cartridge comprising a heating element located in the interior of the housing, the heating element includes a coil that extends transversely to the central longitudinal axis of the housing and transversely to the direction of airflow such that airflow passes on both sides of the heating element, is configured to vaporize a portion of the solution for oral provision to an individual in the airflow, and is responsive to electrical power received from the power source.



Claim 25

an airflow passageway in the housing, at least a portion of the airflow passageway extending centrally and axially with respect to the housing, wherein the airflow passageway extends in a straight path from the first aperture to the second aperture with only the heating element obstructing a portion of the airflow through the airflow passageway along the central longitudinal axis of the housing.

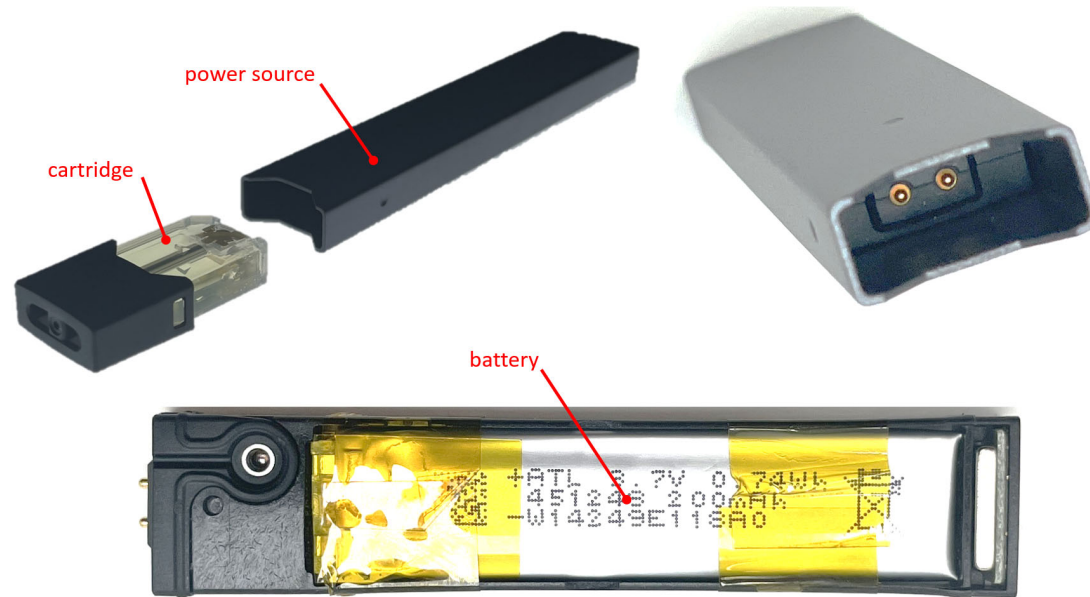
The JUUL system includes a cartridge comprising an airflow passageway in the housing that extends centrally and axially and in a straight path from the first aperture to the second aperture with only the heating element obstructing a portion of the airflow passageway along the central longitudinal axis.



Claim 29

29. A cartridge configured to couple to a power source of an electronic vaporizer, the cartridge comprising:

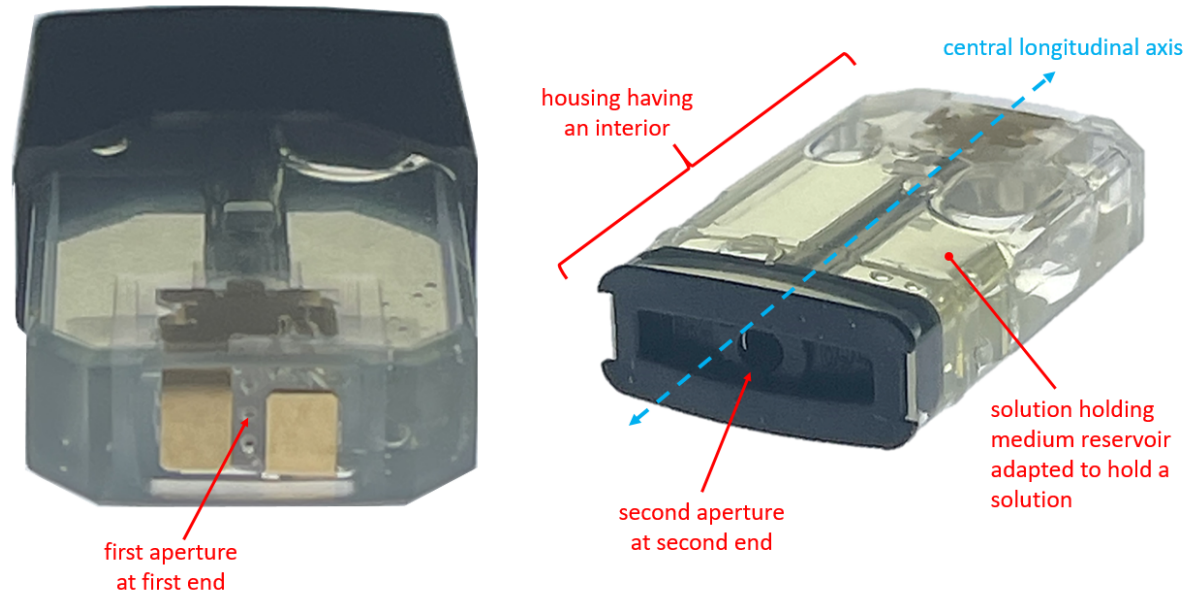
The JUUL system includes a cartridge configured to couple to a power source of an electronic vaporizer.



Claim 29

a housing having an interior and a solution holding medium adapted to hold a solution, the housing having a first end and a second end that is opposite the first end and a central longitudinal axis extending from the first end to the second end, the housing having a first aperture proximate the first end and a second aperture proximate the second end,

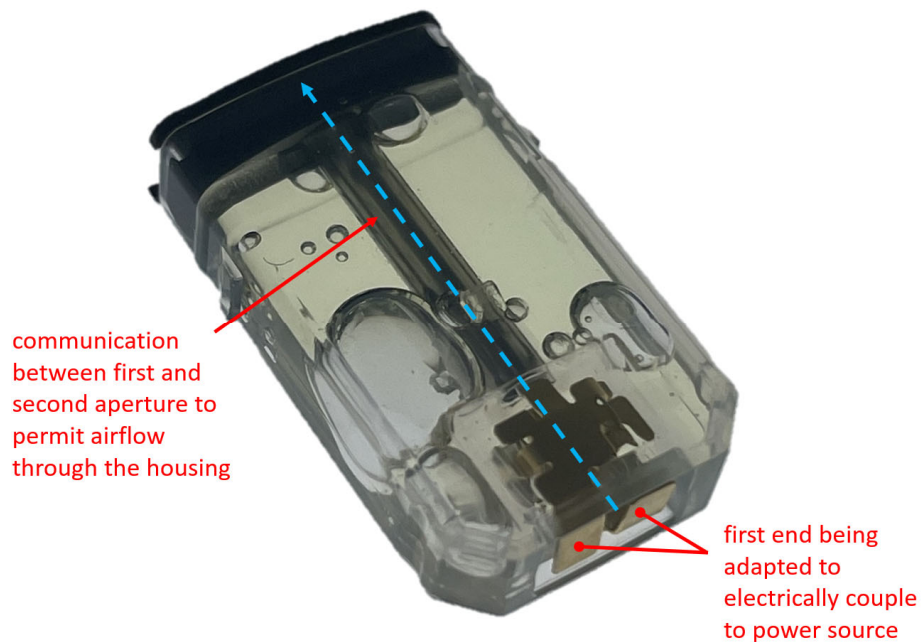
The JUUL system includes a cartridge comprising a housing with an interior and a solution holding medium that holds a solution, the housing has a first aperture proximate a first end and second aperture proximate a second end that is opposite the first end, and a central longitudinal axis extending from the first to second end.



Claim 29

the first end of the housing being adapted to electrically couple to the power source, the first aperture and the second aperture being in communication with one another to permit an airflow through the housing; and

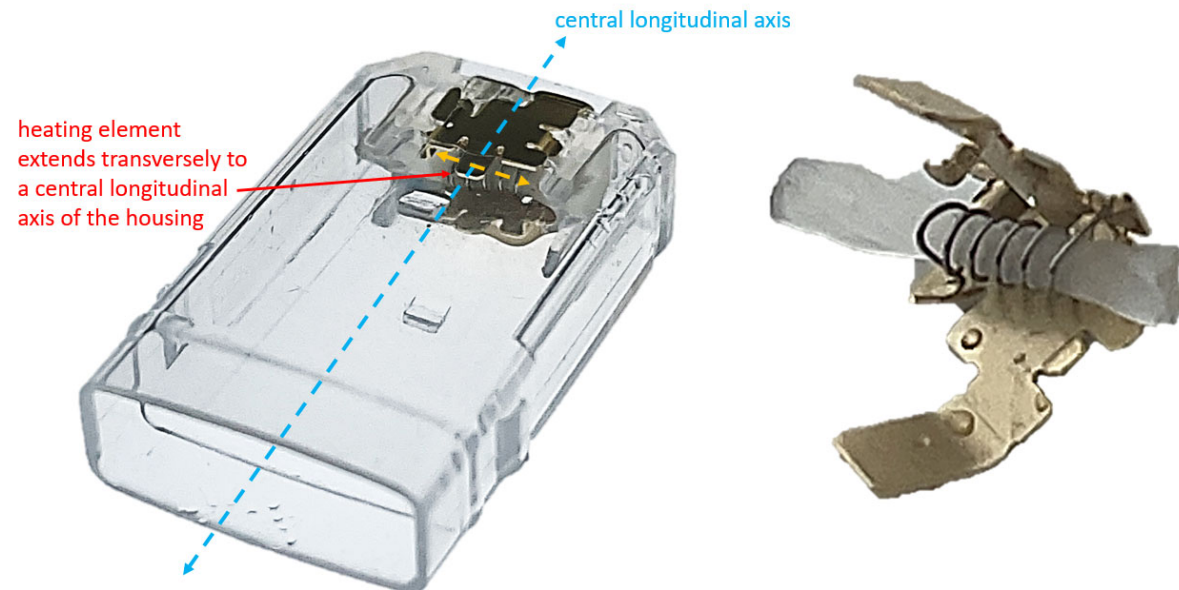
The JUUL system includes a cartridge comprising a housing where the first end of the housing is adapted to electrically couple to the power source, and the first aperture and the second aperture are in communication to permit an airflow through the housing from the first aperture to the second aperture.



Claim 29

a heating element located in the interior of the housing, the heating element including a coil extending transversely to the central longitudinal axis of the housing and transversely to a direction of the airflow such that the airflow passes on both transverse sides of the heating element during use of the electronic vaporizer, the heating element being configured to vaporize at least the portion of the solution drawn to the heating element for oral provision to an individual in the airflow, the heating element being responsive to electrical power received from the power source,

The JUUL system includes a cartridge comprising a heating element located in the interior of the housing, the heating element includes a coil that extends transversely to the central longitudinal axis of the housing and transversely to the direction of airflow such that airflow passes on both sides of the heating element, is configured to vaporize a portion of the solution for oral provision to an individual in the airflow, and is responsive to electrical power received from the power source.



Claim 29

wherein the airflow through the housing follows an airflow path, a first portion of the airflow path proximate the first aperture being defined substantially centrally and axially with respect to the central longitudinal axis of the housing, and a second portion of the airflow path proximate the second aperture being defined substantially centrally and axially with respect to the central longitudinal axis of the housing.

The JUUL system includes an airflow through the housing that follows an airflow path, a first portion of the airflow path proximate the first end is defined substantially centrally and axially with respect to the central longitudinal axis of the housing, and a second portion of the airflow path proximate the second end is defined substantially centrally and axially with respect to the central longitudinal axis of the housing.

second portion of
airflow path proximate
second aperture
defined substantially
centrally and axially

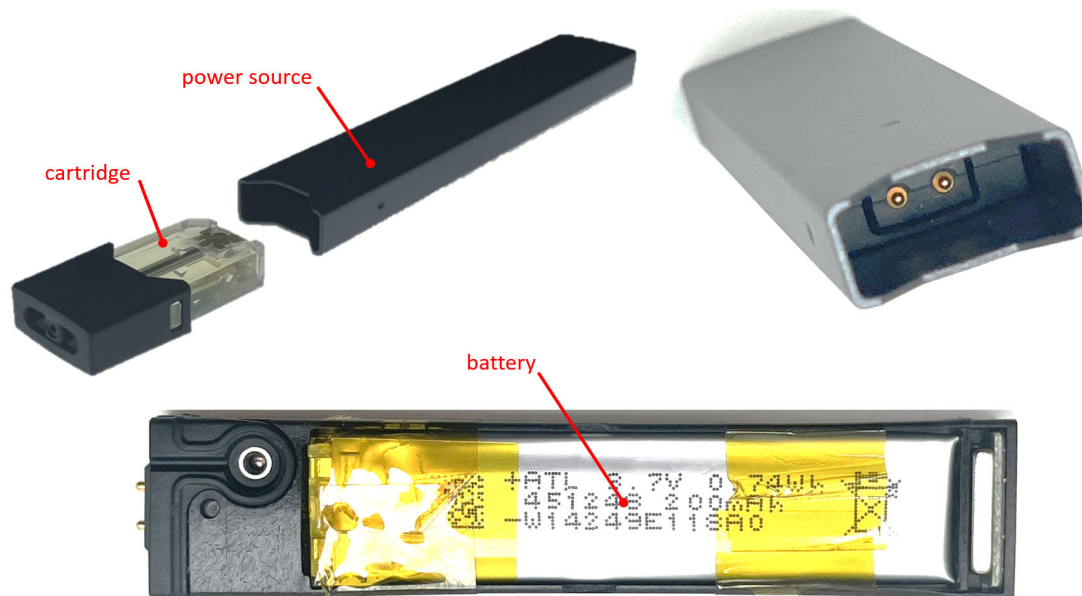
first portion of airflow
path proximate first
aperture defined
substantially centrally
and axially



Claim 38

38. A cartridge configured to couple to a power source of an electronic vaporizer, the cartridge comprising:

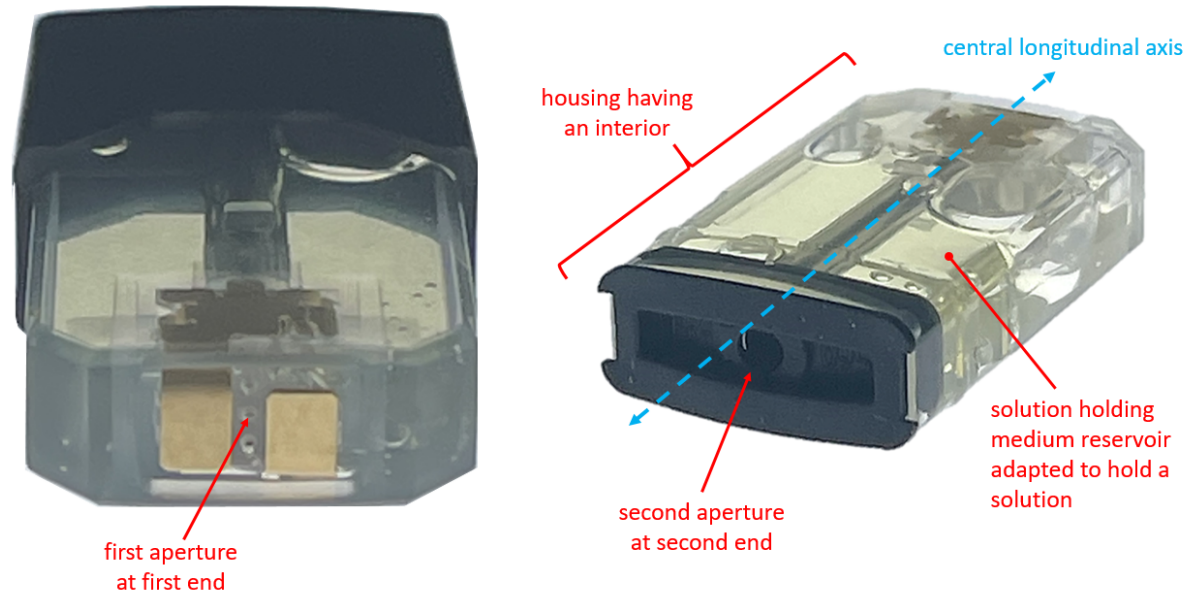
The JUUL system includes a cartridge configured to couple to a power source of an electronic vaporizer.



Claim 38

a housing having an interior and a solution holding medium adapted to hold a solution, the housing having a first end and a second end that is opposite the first end and a central longitudinal axis extending from the first end to the second end, the housing having a first aperture proximate the first end and a second aperture proximate the second end,

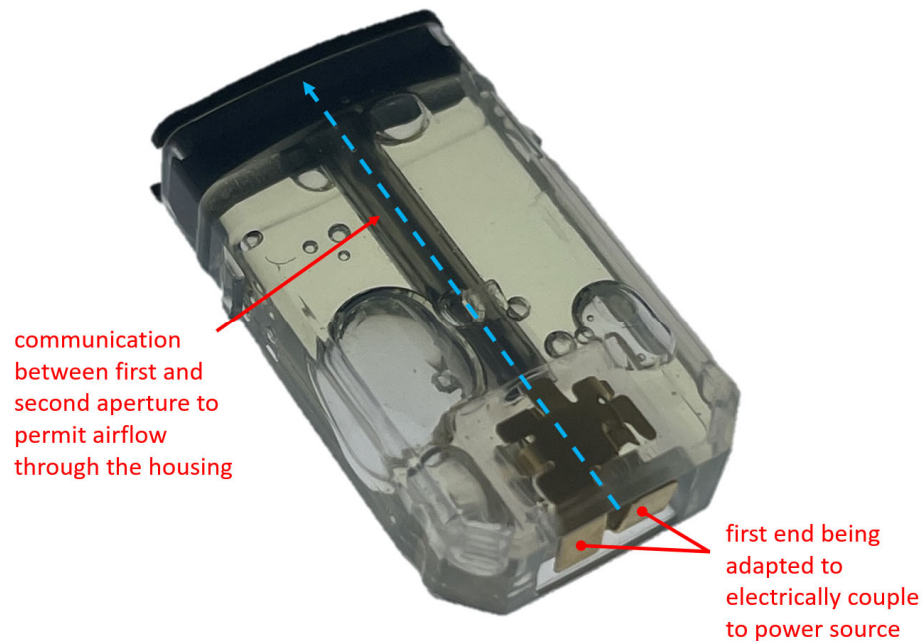
The JUUL system includes a cartridge comprising a housing with an interior and a solution holding medium that holds a solution, the housing has a first aperture proximate a first end and second aperture proximate a second end that is opposite the first end, and a central longitudinal axis extending from the first to second end.



Claim 38

the first end of the housing being adapted to electrically couple to the power source, the first aperture and the second aperture being in communication with one another to permit an airflow through the housing; and

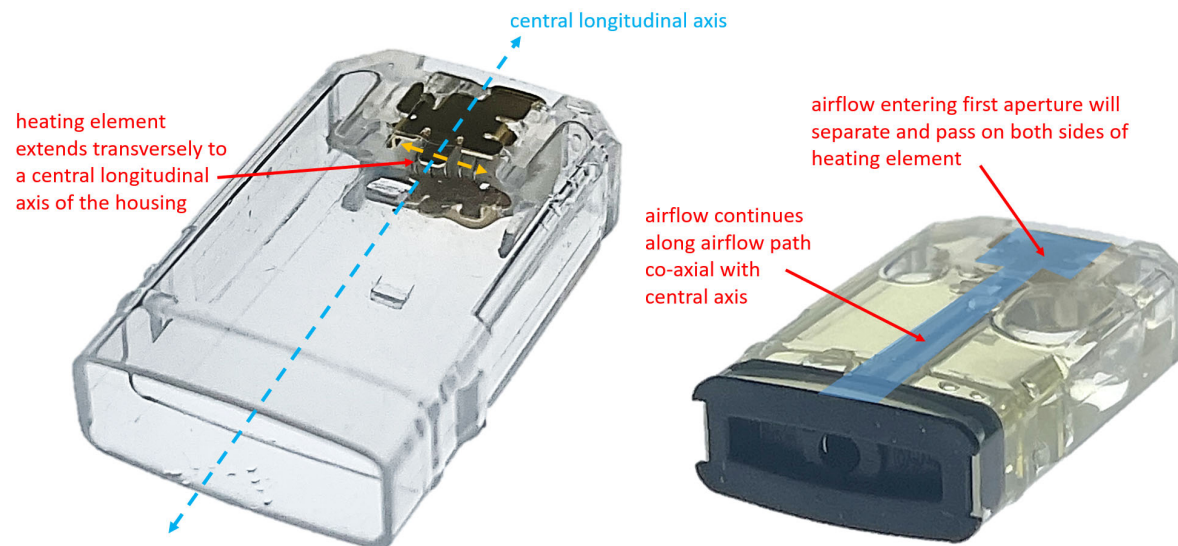
The JUUL system includes a cartridge comprising a housing where the first end of the housing is adapted to electrically couple to the power source, the first aperture and the second aperture are in communication to permit an airflow through the housing from the first aperture to the second aperture.



Claim 38

a heating element located in the interior of the housing, the heating element extending transversely to the central longitudinal axis of the housing and being at least partially exposed to the airflow such that the airflow entering through the first aperture will separate and then pass on both transverse sides of the heating element and then continue along an airflow path co-axial with the central longitudinal axis of the housing toward the second aperture during use of the electronic vaporizer, the heating element being configured to vaporize at least the portion of the solution for oral provision to an individual in the airflow, the heating element being responsive to electrical power received from the power source; and

The JUUL system includes a cartridge comprising a heating element located in the interior of the housing, the heating element extends transversely to the central longitudinal axis of the housing. The heating element is exposed to airflow that enters first aperture and passes along both sides of the heating element, and then continues along an airflow path co-axial with the central longitudinal axis to the second aperture. The heating element is configured to vaporize a portion of the solution for oral provision to an individual in the airflow, and is responsive to electrical power received from the power source.



Claim 38

an airflow passageway in the housing, at least a portion of the airflow passageway extending centrally and axially with respect to the housing, wherein the airflow passageway extends centrally and axially from the first aperture to the second aperture.

The JUUL system includes a cartridge comprising an airflow passageway in the housing that extends centrally and axially from the first aperture to the second aperture.

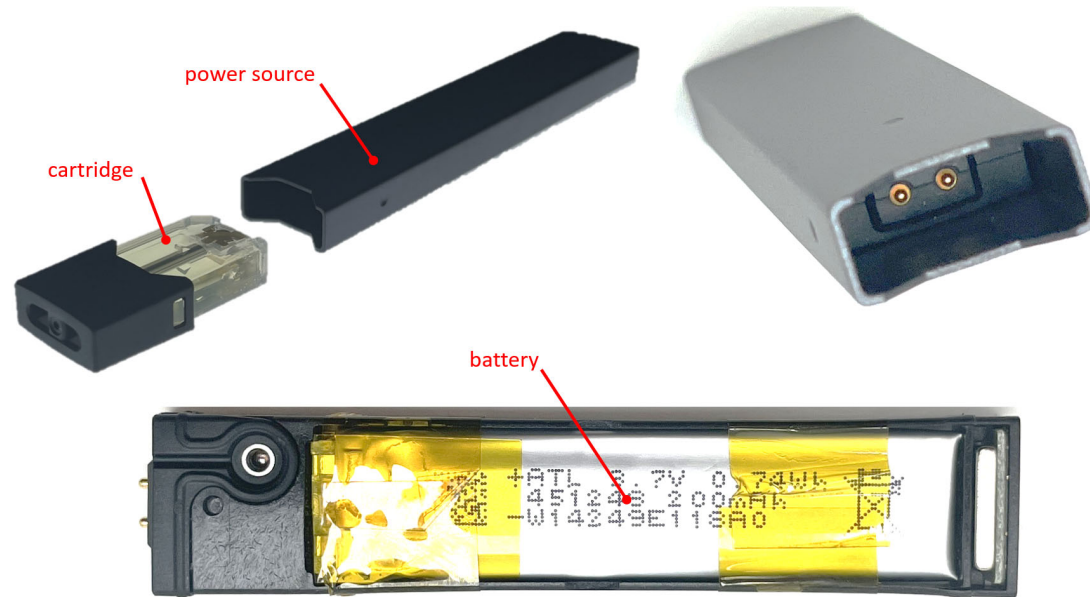
airflow passageway
extends centrally and
axially from first
aperture to second
aperture



Claim 45

45. A cartridge configured to couple to a power source of an electronic vaporizer, the cartridge comprising:

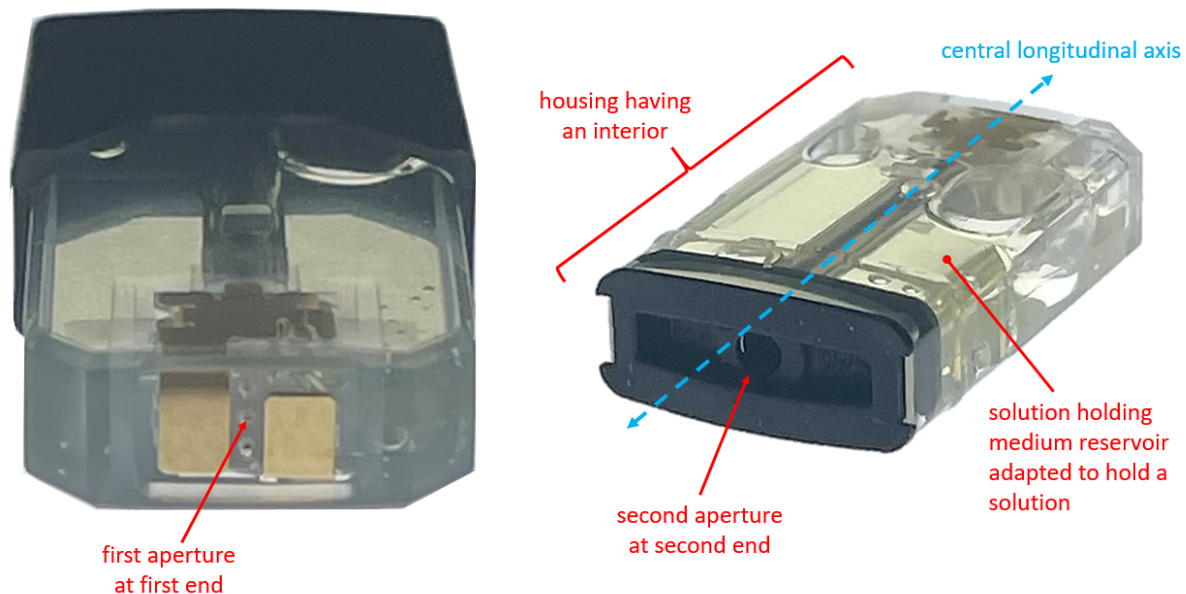
The JUUL system includes a cartridge configured to couple to a power source of an electronic vaporizer.



Claim 45

a housing having an interior and a solution holding medium adapted to hold a solution, the housing having a first end and a second end that is opposite the first end and a central longitudinal axis extending from the first end to the second end, the housing having a first aperture proximate the first end and a second aperture proximate the second end,

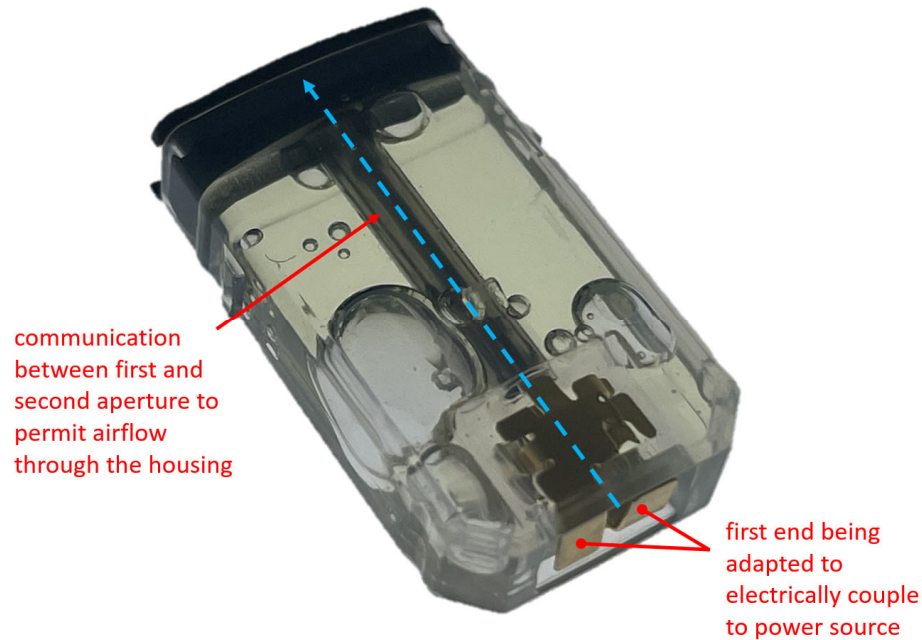
The JUUL system includes a cartridge comprising a housing with an interior and a solution holding medium that holds a solution, the housing has a first aperture proximate a first end and second aperture proximate a second end that is opposite the first end, and a central longitudinal axis extending from the first to second end.



Claim 45

the first end of the housing being adapted to electrically couple to the power source, the first aperture and the second aperture being in communication with one another to permit an airflow through the housing; and

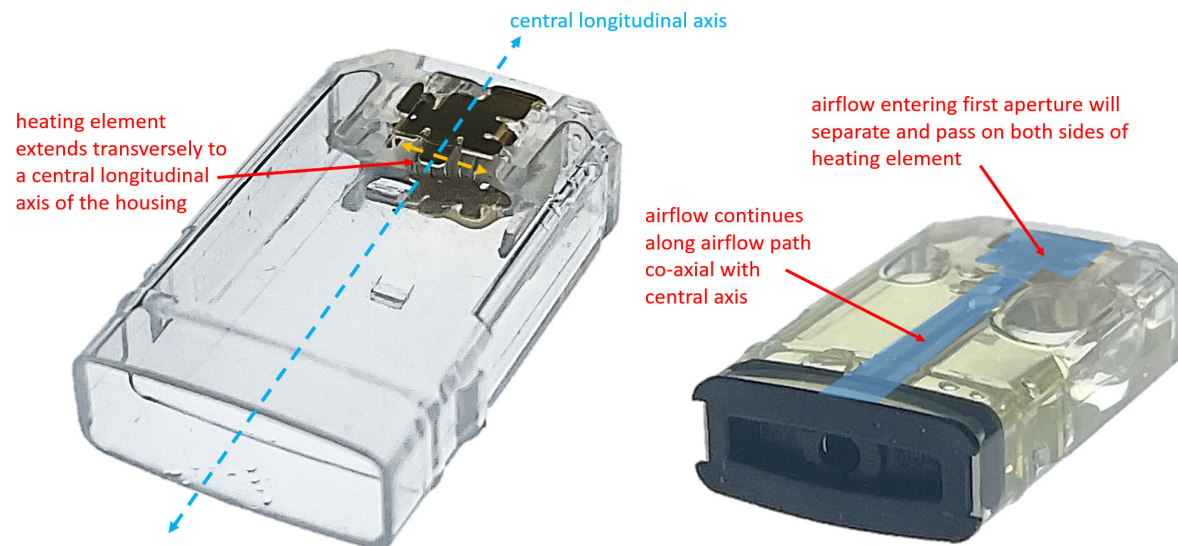
The JUUL system includes a cartridge comprising a housing where the first end of the housing is adapted to electrically couple to the power source, the first aperture and the second aperture are in communication to permit an airflow through the housing from the first aperture to the second aperture.



Claim 45

a heating element located in the interior of the housing, the heating element extending transversely to the central longitudinal axis of the housing and being at least partially exposed to the airflow such that the airflow entering through the first aperture will separate and then pass on both transverse sides of the heating element and then continue along an airflow path co-axial with the central longitudinal axis of the housing toward the second aperture during use of the electronic vaporizer, the heating element being configured to vaporize at least the portion of the solution for oral provision to an individual in the airflow, the heating element being responsive to electrical power received from the power source; and

The JUUL system includes a cartridge comprising a heating element located in the interior of the housing, the heating element extends transversely to the central longitudinal axis of the housing. The heating element is exposed to airflow that enters first aperture and passes along both sides of the heating element, and then continues along an airflow path co-axial with the central longitudinal axis to the second aperture. The heating element is configured to vaporize a portion of the solution for oral provision to an individual in the airflow, and is responsive to electrical power received from the power source.



Claim 45

an airflow passageway in the housing, at least a portion of the airflow passageway extending centrally and axially with respect to the housing, wherein the airflow passageway extends in a straight path from the first aperture to the second aperture with only the heating element obstructing a portion of the airflow through the airflow passageway along the central longitudinal axis of the housing.

The JUUL system includes a cartridge comprising an airflow passageway in the housing that extends centrally and axially and in a straight path from the first aperture to the second aperture with only the heating element obstructing a portion of the airflow passageway along the central longitudinal axis.

