

## EXHIBIT 2005

### WRITTEN DESCRIPTION FOR CLAIMS 1-12 OF U.S. PATENT NO. 9,326,550 IN U.S. PATENT PUBL. NO. 2009/0126745 AND U.S. PATENT APPL. NO. 13/754,521

CLAIM 1	REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ("Hon '745") (Ex. 1005)	REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 ("521 APPLICATION") (Ex. 1002)
A vaporizing device comprising:	<ul style="list-style-type: none"> <li>• "An emulsion aerosol sucker...." <b>Hon '745 (Ex. 1005), Abstract.</b></li> <li>• "This present invention relates to an electronic sucker unit, in particular, an emulsion aerosol sucker...." <b>Hon '745 (Ex. 1005), ¶[0001].</b></li> <li>• "The purpose of this invention is to provide an emulsion aerosol sucker that substitutes for cigarettes...." <b>Hon '745 (Ex. 1005), ¶[0006].</b></li> <li>• "In addition, the unit and its connecting structure of this invention may also be loaded with conventional drugs for delivery to the lung." <b>Hon '745 (Ex. 1005), ¶[0010].</b></li> <li>• "The air-liquid mixture sprays onto the heating body (305), <u>gets vaporized</u>, and is quickly absorbed into the airflow and condensed into aerosol, which passes through the air intake hole (503) and</li> </ul>	<ul style="list-style-type: none"> <li>• "An electronic cigarette...." <b>'521 Application (Ex. 1002), Abstract.</b></li> <li>• "The unit and its connecting structure may also be loaded with drugs for delivery to the lung." <b>'521 Application (Ex. 1002), ¶[0037].</b></li> <li>• "The air-liquid mixture sprays onto the heating body (305), <u>gets vaporized</u>, and is quickly absorbed into the airflow and condensed into aerosol, which passes through the air intake hole (503) and suction nozzle (403) to form white mist type aerosol." <b>'521 Application (Ex. 1002), ¶¶[0026], [0035] (emphasis added).</b></li> </ul>

	suction nozzle (403) to form white mist type aerosol." <b>Hon '745 (Ex. 1005), ¶¶[0032], [0040] (emphasis added).</b>	
an electronic cigarette including:	<ul style="list-style-type: none"> <li>• "As shown in FIG. 1, the visual appearance of this invention is similar to a cigarette inserted into the cigarette holder...." <b>Hon '745 (Ex. 1005), ¶[0026].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "An electronic cigarette...." <b>'521 Application (Ex. 1002), Abstract.</b></li> <li>• "An improved electronic cigarette...." <b>'521 Application (Ex. 1002), ¶[0004].</b></li> <li>• "As shown in Figure 1, an electronic cigarette has an appearance similar to a cigarette inserted into the cigarette holder...." <b>'521 Application (Ex. 1002), ¶[0019].</b></li> </ul>
a battery assembly comprising	<ul style="list-style-type: none"> <li>• "An emulation aerosol sucker includes a battery assembly...." <b>Hon '745 (Ex. 1005), Abstract.</b></li> <li>• "...this invention includes a battery assembly...." <b>Hon '745 (Ex. 1005), ¶[0008].</b></li> <li>• "...this invention includes a battery assembly...." <b>Hon '745 (Ex. 1005), ¶[0026].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "An improved electronic cigarette has a battery assembly...." <b>'521 Application (Ex. 1002), ¶[0004].</b></li> <li>• "As shown in Fig. 2A, the electronic cigarette includes a battery assembly...." <b>'521 Application (Ex. 1002), ¶[0019].</b></li> </ul>
a tubular battery assembly housing having a first end and a second end,	<ul style="list-style-type: none"> <li>• "FIG. 2A is the diagram of one structure of the battery assembly of this invention." <b>Hon '745 (Ex. 1005), ¶[0012].</b></li> <li>• "FIG. 2B is the diagram of another structure of the battery assembly of this invention." <b>Hon '745 (Ex. 1005), ¶[0013].</b></li> <li>• Figs. 2A, 2B, 5A, and 5B show a</li> </ul>	<ul style="list-style-type: none"> <li>• "Figure 2A is a view of the battery assembly." <b>'521 Application (Ex. 1002), ¶[0006].</b></li> <li>• "Figure 2B is a view of another battery assembly." <b>'521 Application (Ex. 1002), ¶[0007].</b></li> <li>• Figs. 2A, 2B, 5A, and 5B show a tubular battery assembly housing having a first end and a second end. <b>'521 Application</b></li> </ul>

	tubular battery assembly housing having a first end and a second end. <b>Hon '745 (Ex. 1005), Figs. 2A, 2B, 5A, 5B.</b>	<b>(Ex. 1002), Figs. 2A, 2B, 5A, 5B.</b>
with a battery and	<ul style="list-style-type: none"> <li>• "The battery assembly includes the...battery...." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "As shown in FIG. 2A, the battery assembly includes...lithium ion battery (203)...." <b>Hon '745 (Ex. 1005), ¶[0027].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "As shown in Figure 2A, the battery assembly includes ... lithium ion battery (203)...." <b>'521 Application (Ex. 1002), ¶[0020].</b></li> </ul>
a micro-controller unit electrically connected to a circuit board within the battery assembly housing;	<ul style="list-style-type: none"> <li>• "The battery assembly includes the...MOSFTET [sic] electric circuit board...." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "MCU is added between MOSFET electric circuit board and sensor." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "...the lithium ion battery (203) and MOSFET (Metallic Oxide Semiconductor Field Effect Tube) electric circuit board (205) are connected successively." <b>Hon '745 (Ex. 1005), ¶[0027].</b></li> <li>• "As shown in FIG. 2B, ...MCU (206) is added between MOSFET electric circuit board (205) and sensor (207)." <b>Hon '745 (Ex. 1005), ¶[0039].</b></li> <li>• "FIG. 7 is the electric circuit diagram of MCU and MOSFET of this</li> </ul>	<ul style="list-style-type: none"> <li>• "As shown in Figure 2A, the battery assembly includes ... MOSFET electric circuit board (205)...." <b>'521 Application (Ex. 1002), ¶[0020].</b></li> <li>• "...Microcircuit (206) is added between MOSFET electric circuit board (205) and sensor (207)." <b>'521 Application (Ex. 1002), ¶[0033].</b></li> <li>• "Figure 7 is the electric circuit diagram." <b>'521 Application (Ex. 1002), ¶[0013].</b></li> </ul>

	invention." <b>Hon '745 (Ex. 1005), ¶[0019].</b>	
a first screw thread electrode on the first end of the battery assembly housing,	<ul style="list-style-type: none"> <li>• "An external thread electrode is located in one end of battery assembly." <b>Hon '745 (Ex. 1005), Abstract.</b></li> <li>• "Therein, an external thread electrode is located in one end of the battery assembly...." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "The battery assembly includes the...primary screwthread electrode...." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "An external thread electrode (209) is located in one end of the battery assembly...." <b>Hon '745 (Ex. 1005), ¶[0026].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "An external thread electrode (209) is located in one end of the battery assembly...." <b>'521 Application (Ex. 1002), ¶[0019].</b></li> <li>• "As shown in Figure 2A, the battery assembly includes ... primary screw thread electrode (209) ... and primary shell (211). On one end of the primary shell (211) is an external thread electrode (209)." <b>'521 Application (Ex. 1002), ¶[0020].</b></li> </ul>
with a first through hole at a center of the first screw thread electrode;	<ul style="list-style-type: none"> <li>• "The said external thread electrode is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "The external thread electrode (209) is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>Hon '745 (Ex. 1005), ¶[0028].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "The external thread electrode (209) is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>'521 Application (Ex. 1002), ¶[0021].</b></li> </ul>
an atomizer assembly comprising:	<ul style="list-style-type: none"> <li>• "An emulation aerosol sucker includes...an atomizer assembly...." <b>Hon '745 (Ex. 1005), Abstract.</b></li> <li>• "...this invention includes...an atomizer assembly...." <b>Hon '745 (Ex.</b></li> </ul>	<ul style="list-style-type: none"> <li>• "An electronic cigarette includes ... an atomizer assembly...." <b>'521 Application (Ex. 1002), Abstract.</b></li> <li>• "An improved electronic cigarette has ... an atomizer assembly...." <b>'521</b></li> </ul>

	<b>1005), ¶[0008].</b>	<b>Application (Ex. 1002), ¶[0004].</b>
a tubular atomizer assembly housing having a first end and a second end;	<ul style="list-style-type: none"> <li>• "FIG. 3 is the diagram of ... the atomizer assembly of this invention." <b>Hon '745 (Ex. 1005), ¶[0014].</b></li> <li>• Fig. 3 shows a tubular atomizer assembly housing having a first end and a second end. <b>Hon '745 (Ex. 1005), Fig. 3.</b></li> </ul>	<ul style="list-style-type: none"> <li>• "Figure 3 is the diagram of the atomizer assembly." <b>'521 Application (Ex. 1002), ¶[0008].</b></li> <li>• Fig. 3 shows a tubular atomizer assembly housing having a first end and a second end. <b>'521 Application (Ex. 1002), Fig. 3.</b></li> </ul>
an atomizer having a porous body, and	<ul style="list-style-type: none"> <li>• "The said atomizer assembly includes the...atomizer...." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "As shown in FIG. 3, the atomizer assembly includes...atomizer (307)...." <b>Hon '745 (Ex. 1005), ¶[0029].</b></li> <li>• "The said atomizer may be capillary impregnation atomizer or spray atomizer, inside which there is a heating body." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "The said heating body is made of the micro-porous ceramics on which nickel-chromium alloy wire, iron-chromium alloy wire, platinum wire, or other electrothermal materials are wound." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "The atomizer (307) may be a capillary impregnation atomizer as FIGS. 8 and 9...." <b>Hon '745 (Ex. 1005), ¶[0030].</b></li> <li>• "The heating body (305) is made of the</li> </ul>	<ul style="list-style-type: none"> <li>• "As shown in Figure 3, the atomizer assembly includes ... atomizer (307)...." <b>'521 Application (Ex. 1002), ¶[0022].</b></li> <li>• "...the heating body (305) inside the atomizer (307)..." <b>'521 Application (Ex. 1002), ¶[0025].</b></li> <li>• "The heating body (305) inside the atomizer (307) produces heat." <b>'521 Application (Ex. 1002), ¶[0026].</b></li> <li>• "The heating body (305) is made of the micro-porous ceramics on which nickel-chromium alloy wire, iron-chromium alloy wire, platinum wire, or other electro thermal materials are wound." <b>'521 Application (Ex. 1002), ¶[0028].</b></li> </ul>

	micro-porous ceramics on which nickel-chromium alloy wire, iron-chromium alloy wire, platinum wire, or other electrothermal materials are wound." <b>Hon '745 (Ex. 1005), ¶[0034].</b>	
a liquid supply in the tubular atomizer assembly housing;	<ul style="list-style-type: none"> <li>• "The fiber (402) inside the cigarette liquid bottle (401) contains cigarette liquid, which soaks the micro-porous ceramics (801) inside the atomizer through the fiber (402)." <b>Hon '745 (Ex. 1005), ¶[0032].</b></li> <li>• "The fiber (402) inside the cigarette liquid bottle (401) contains cigarette liquid, which soaks the micro-porous ceramics (801) inside the atomizer through the fiber (402)." <b>Hon '745 (Ex. 1005), ¶[0040].</b></li> <li>• Figs 5A, 5B and 12 show a liquid supply in the tubular atomizer assembly housing. <b>Hon '745 (Ex. 1005), Figs. 5A, 5B, 12; Meyst (Ex. 2001), ¶¶42-45.</b></li> </ul>	<ul style="list-style-type: none"> <li>• "The fiber (402) inside the cigarette liquid bottle (401) contains cigarette liquid, which soaks the micro-porous ceramics (801) inside the atomizer through the fiber (402)." <b>'521 Application (Ex. 1002), ¶[0026].</b></li> <li>• "The fiber (402) inside the cigarette liquid bottle (401) contains cigarette liquid, which soaks the micro-porous ceramics (801) inside the atomizer through the fiber (402)." <b>'521 Application (Ex. 1002), ¶[0035].</b></li> <li>• Figs 5A, 5B and 12 show a liquid supply in the tubular atomizer assembly housing. <b>'521 Application (Ex. 1002), Figs. 5A, 5B, 12.</b></li> </ul>
with the atomizer including a heater wire wound on a part of the porous body which is perpendicular to a longitudinal axis of	<ul style="list-style-type: none"> <li>• "The said heating body is made of the micro-porous ceramics on which nickel-chromium alloy wire, iron-chromium alloy wire, platinum wire, or other electrothermal materials are wound." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "The heating body (305) is made of the micro-porous ceramics on which nickel-chromium alloy wire, iron-chromium alloy wire, platinum wire, or other electro thermal materials are wound." <b>'521 Application (Ex. 1002), ¶[0028].</b></li> <li>• Figs. 3, 5A, and 5B show that the porous</li> </ul>

the tubular atomizer assembly housing;	<ul style="list-style-type: none"> <li>• "The heating body (305) is made of the micro-porous ceramics on which nickel-chromium alloy wire, iron-chromium alloy wire, platinum wire, or other electrothermal materials are wound." <b>Hon '745 (Ex. 1005), ¶[0034].</b></li> <li>• Figs. 3, 5A, and 5B show that the porous body is perpendicular to a longitudinal axis of the tubular atomizer assembly housing. <b>Hon '745 (Ex. 1005), Figs. 3, 5A, 5B.</b></li> </ul>	body is perpendicular to a longitudinal axis of the tubular atomizer assembly housing. <b>'521 Application (Ex. 1002), Figs. 3, 5A, 5B.</b>
an airflow path through an opening in the atomizer to a suction nozzle at the second end of the tubular atomizer assembly housing;	<ul style="list-style-type: none"> <li>• "The said atomizer assembly includes the ... secondary shell.... On the secondary shell, there is an air intake hole." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "On the secondary shell (306), there is an air intake hole (502)." <b>Hon '745 (Ex. 1005), ¶[0029].</b></li> <li>• "The air enters through the air intake hole (502), passes through the run-through hole on the air-liquid separator (303), and helps to form air-liquid mixture in the spray nozzle (304) of the atomizer (307). The air-liquid mixture sprays onto the heating body (305), gets vaporized, and is quickly absorbed into the airflow and condensed into aerosol, which passes through the air intake hole (503) and suction nozzle</li> </ul>	<ul style="list-style-type: none"> <li>• "As shown in Figure 3, the atomizer assembly includes ... the secondary shell (306).... On the secondary shell (306), there is an air intake hole (502)." <b>'521 Application (Ex. 1002), ¶[0022].</b></li> <li>• "The air enters through the air intake hole (502), passes through the run-through hole on the air-liquid separator (303), and helps to form air-liquid mixture in the spray nozzle (304) of the atomizer (307). The air-liquid mixture sprays onto the heating body (305), gets vaporized, and is quickly absorbed into the airflow and condensed into aerosol, which passes through the air intake hole (503) and suction nozzle (403) to form white mist type aerosol." <b>'521 Application (Ex. 1002), ¶¶[0026], [0035].</b></li> </ul>

	<p>(403) to form white mist type aerosol." <b>Hon '745 (Ex. 1005), ¶¶ [0032], [0040].</b></p> <ul style="list-style-type: none"> <li>• Petitioner's analysis of this limitation "assumes that the phrase 'second end' can be corrected to read 'first end.'" Petition at 30. Patent Owner applies the same assumption.</li> </ul>	
<p>a second screw thread electrode on the second end of the atomizer assembly housing,</p>	<ul style="list-style-type: none"> <li>• "An internal thread electrode is located in one end of atomizer assembly." <b>Hon '745 (Ex. 1005), Abstract.</b></li> <li>• "...an internal thread electrode is located in one end of the atomizer assembly." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "The said atomizer assembly includes the internal thread electrode...." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "...an internal thread electrode (302) is located in one end of the atomizer assembly." <b>Hon '745 (Ex. 1005), ¶[0026].</b></li> <li>• "As shown in FIG. 3, the atomizer assembly includes the internal thread electrode (302)...." <b>Hon '745 (Ex. 1005), ¶[0029].</b></li> <li>• Figs. 5A, 5B, and 12 show a screwthread electrode on an end of the atomizer assembly housing. <b>Hon '745 (Ex. 1005), Figs. 5A, 5B, 12.</b></li> </ul>	<ul style="list-style-type: none"> <li>• "...an internal thread electrode (302) is located in one end of the atomizer assembly." <b>'521 Application (Ex. 1002), ¶[0019].</b></li> <li>• "As shown in Figure 3, the atomizer assembly includes the internal thread electrode (302) ... and the secondary shell (306). One end of the secondary shell (306) is inserted ... while the other end has an internal thread electrode (302)...." <b>'521 Application (Ex. 1002), ¶[0022].</b></li> <li>• Figs. 5A, 5B, and 12 show a screw thread electrode on an end of the atomizer assembly housing. <b>'521 Application (Ex. 1002), Figs. 5A, 5B, 12.</b></li> </ul>



with a second through hole at a center of the second screw thread electrode; and	<ul style="list-style-type: none"> <li>• "The said internal thread electrode is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "The internal thread electrode (302) is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>Hon '745 (Ex. 1005), ¶[0029].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "The internal thread electrode (302) is a gold-coated stainless steel or brass part with a hole in the center." <b>'521 Application (Ex. 1002), ¶[0022].</b></li> </ul>
the battery assembly and the atomizer assembly mechanically connected to form the electronic cigarette by engagement of the first screw thread electrode with the second screw thread electrode, and	<ul style="list-style-type: none"> <li>• "Said battery assembly and said atomizer assembly are connected by the screwthread electrode." <b>Hon '745 (Ex. 1005), Abstract.</b></li> <li>• "The battery assembly connects with one end of the atomizer assembly...." <b>Hon '745 (Ex. 1005), ¶[0008].</b></li> <li>• "The battery assembly and atomizer assembly are connected through the screwthread electrode." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "The battery assembly and atomizer assembly are connected through the screwthread electrode into an emulation cigarette." <b>Hon '745 (Ex. 1005), ¶[0026].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "The battery assembly and the atomizer assembly are connected by the screwthread electrode." <b>'521 Application (Ex. 1002), Abstract.</b></li> <li>• "The battery assembly connects with one end of the atomizer assembly, and the cigarette bottle assembly is inserted into the other end of the atomizer assembly, thus forming one cigarette type or cigar type body." <b>'521 Application (Ex. 1002), ¶[0004].</b></li> <li>• "The battery assembly and atomizer assembly are connected through the screw thread electrode into an electronic cigarette." <b>'521 Application (Ex. 1002), ¶[0019].</b></li> </ul>
with electricity conducted from the battery to the heater wire through the first and second screw thread	<ul style="list-style-type: none"> <li>• "When the user slightly sucks the suction nozzle (403), ...the silica gel corrugated membrane (208), under the action of suction pressure difference, distorts to drive the switch spring (212) and sensor (207), thus invoking</li> </ul>	<ul style="list-style-type: none"> <li>• "When the user slightly sucks the suction nozzle ... (403), negative pressure forms on the silica gel corrugated membrane (208).... The silica gel corrugated membrane (208), under the action of suction pressure difference, distorts to</li> </ul>

<p>electrodes for heating the heater wire.</p>	<p>MOSFET electric circuit board (205). At this moment, ...the lithium ion battery (203) electrifies the heating body (305) inside the atomizer (307) through MOSFET electric circuit board (205) as well as the internal and external thread electrodes (302, 209), so that the heating body (305) inside the atomizer (307) produces heat." <b>Hon '745 (Ex. 1005), ¶¶[0032], [0040].</b></p>	<p>drive the switch spring (212) and sensor (207), thus switching MOSFET electric circuit board (205). At this moment ... the lithium ion battery (203) electrifies the heating body (305) inside the atomizer (307) through MOSFET electric circuit board (205) as well as the internal and external thread electrodes (302, 209)." <b>'521 Application (Ex. 1002), ¶¶[0024]-[0025].</b></p> <ul style="list-style-type: none"> <li>• "When the user slightly sucks the suction nozzle (403), negative pressure forms on the silica gel corrugated membrane (208).... The silica gel corrugated membrane (208), under the action of suction pressure difference, distorts to drive the switch spring (212) and sensor (207), thus activating the Microcircuit (206) and MOSFET electric circuit board (205). At this moment ... the lithium ion battery (203) electrifies the heating body (305) inside the atomizer (307) through MOSFET electric circuit board (205) as well as the internal and external thread electrodes (302, 209), so that the heating body (305) inside the atomizer (307) produces heat." <b>'521 Application (Ex. 1002), ¶[0034].</b></li> </ul>
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CLAIM 2	REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ("Hon '745") (Ex. 1005)	REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 ("521 APPLICATION") (Ex. 1002)
<p>The device of claim 1 further including a sensor in the battery assembly housing, with the sensor electrically connected to the micro-controller unit.</p>	<ul style="list-style-type: none"> <li>• "The battery assembly includes the ... sensor.... MCU is added between MOSFET electric circuit board and sensor." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "MCU (206) is added between MOSFET electric circuit board (205) and sensor (207)." <b>Hon '745 (Ex. 1005), ¶[0039].</b></li> <li>• "FIG. 7 is the electric circuit diagram of MCU and MOSFET of this invention." <b>Hon '745 (Ex. 1005), ¶[0019].</b></li> <li>• Fig. 7 shows that sensor (207) is electrically connected to MCU (206). <b>Hon '745 (Ex. 1005), Fig. 7.</b></li> </ul>	<ul style="list-style-type: none"> <li>• "As shown in Figure 2A, the battery assembly includes ... sensor (207).... The sensor (207) is located on MOSFET electric circuit board (205)." <b>'521 Application (Ex. 1002), ¶[0020].</b></li> <li>• "...Microcircuit (206) is added between MOSFET electric circuit board (205) and sensor (207)." <b>'521 Application (Ex. 1002), ¶[0033].</b></li> <li>• "Figure 7 is the electric circuit diagram." <b>'521 Application (Ex. 1002), ¶[0013].</b></li> <li>• Fig. 7 shows that sensor (207) is electrically connected to MCU (206). <b>'521 Application (Ex. 1002), Fig. 7.</b></li> </ul>
CLAIM 3	REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ("Hon '745") (Ex. 1005)	REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 ("521 APPLICATION") (Ex. 1002)
<p>The device of claim 2 further including a pressure balancing hole in the battery assembly housing.</p>	<ul style="list-style-type: none"> <li>• "In the battery assembly, there is a fine hole (501) on the indicator cap (201) for balancing the pressure difference on both sides of the silica gel corrugated membrane (208)." <b>Hon '745 (Ex. 1005), ¶[0034].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "In the battery assembly, there is a fine hole (501) on the indicator cap (201) for balancing the pressure difference on both sides of the silica gel corrugated membrane (208)." <b>'521 Application (Ex. 1002), ¶[0028].</b></li> </ul>

CLAIM 4	REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ("HON '745") (EX. 1005)	REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 ("521 APPLICATION") (EX. 1002)
The device of claim 3 with the pressure balancing hole at the second end of the battery assembly housing.	<ul style="list-style-type: none"> <li>• "As shown in FIG. 2A, the battery assembly includes the indicator (202)... and primary shell (211). On one end of the primary shell (211) is an external thread electrode (209), while on the other end is an indicator (202), where there is an indicator cap (201) on one side...." <b>Hon '745 (Ex. 1005), ¶[0027].</b></li> <li>• "In the battery assembly, there is a fine hole (501) on the indicator cap (201) for balancing the pressure difference on both sides of the silica gel corrugated membrane (208)." <b>Hon '745 (Ex. 1005), ¶[0034].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "As shown in Figure 2A, the battery assembly includes an indicator (202)... and primary shell (211). On one end of the primary shell (211) is an external thread electrode (209). On the other end is an indicator (202), where there is an indicator cap (201) on one side having a small hole (501)." <b>'521 Application (Ex. 1002), ¶[0020].</b></li> <li>• "In the battery assembly, there is a fine hole (501) on the indicator cap (201) for balancing the pressure difference on both sides of the silica gel corrugated membrane (208)." <b>'521 Application (Ex. 1002), ¶[0028].</b></li> </ul>
CLAIM 5	REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ("HON '745") (EX. 1005)	REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 ("521 APPLICATION") (EX. 1002)
The device of claim 3 further including an air inlet at the second screw thread electrode.	<ul style="list-style-type: none"> <li>• "The said atomizer assembly includes the internal thread electrode...and the secondary shell. On the secondary shell, there is an air intake hole." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "As shown in FIG. 3, the atomizer assembly includes the internal thread electrode (302)...and the secondary shell (306).... On the secondary shell</li> </ul>	<ul style="list-style-type: none"> <li>• "As shown in Figure 3, the atomizer assembly includes the internal thread electrode (302) ... and the secondary shell (306).... On the secondary shell (306), there is an air intake hole (502)." <b>'521 Application (Ex. 1002), ¶[0022].</b></li> <li>• Figs. 3, 5A and 5B show air inlet (502) at screw thread electrode (302). <b>'521 Application (Ex. 1002), Figs. 3, 5A, 5B.</b></li> </ul>

	<p>(306), there is an air intake hole (502)." <b>Hon '745 (Ex. 1005), ¶[0029].</b></p> <ul style="list-style-type: none"> <li>• Figs. 3, 5A and 5B show air inlet (502) at screw thread electrode (302). <b>Hon '745 (Ex. 1005), Figs. 3, 5A, 5B.</b></li> </ul>	
<b>CLAIM 6</b>	<b>REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ('HON '745") (Ex. 1005)</b>	<b>REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 (''521 APPLICATION") (Ex. 1002)</b>
<p>The device of claim 5 with the pressure balancing hole on a first side of the sensor and the air inlet on a second side of the sensor, opposite from the first side of the sensor.</p>	<ul style="list-style-type: none"> <li>• "In the battery assembly, there is a fine hole (501) on the indicator cap (201) for balancing the pressure difference on both sides of the silica gel corrugated membrane (208)." <b>Hon '745 (Ex. 1005), ¶[0034].</b></li> <li>• "The said atomizer assembly includes the ... secondary shell.... On the secondary shell, there is an air intake hole." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "On the secondary shell (306), there is an air intake hole (502)." <b>Hon '745 (Ex. 1005), ¶[0029].</b></li> <li>• "FIG. 5A is the diagram of one internal structure of this invention." <b>Hon '745 (Ex. 1005), ¶[0016].</b></li> <li>• "FIG. 5B is the diagram of another internal structure of this invention." <b>Hon '745 (Ex. 1005), ¶[0017].</b></li> <li>• Figs. 5A and 5B show that pressure balancing hole (501) is on a first side of sensor (207), and air inlet (502) is</li> </ul>	<ul style="list-style-type: none"> <li>• "In the battery assembly, there is a fine hole (501) on the indicator cap (201) for balancing the pressure difference on both sides of the silica gel corrugated membrane (208)." <b>'521 Application (Ex. 1002), ¶[0028].</b></li> <li>• "As shown in Figure 3, the atomizer assembly includes ... the secondary shell (306).... On the secondary shell (306), there is an air intake hole (502)." <b>'521 Application (Ex. 1002), ¶[0022].</b></li> <li>• "Figure 5A is a section view of an electronic cigarette." <b>'521 Application (Ex. 1002), ¶[0010].</b></li> <li>• "Figure 5B is a section view of another embodiment." <b>'521 Application (Ex. 1002), ¶[0011].</b></li> <li>• Figs. 5A and 5B show that pressure balancing hole (501) is on a first side of sensor (207), and air inlet (502) is on a second side of sensor (207) opposite from the first side of the sensor. <b>'521</b></li> </ul>

	on a second side of sensor (207) opposite from the first side of the sensor. <b>Hon '745 (Ex. 1005), Figs. 5A, 5B.</b>	<b>Application (Ex. 1002), Figs. 5A, 5B.</b>
<b>CLAIM 7</b>	<b>REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ("Hon '745") (Ex. 1005)</b>	<b>REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 ("521 APPLICATION") (Ex. 1002)</b>
The device of claim 1 with the porous body comprising a fiber material.	<ul style="list-style-type: none"> <li>• "The said atomizer may be capillary impregnation atomizer or spray atomizer, inside which there is a heating body." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "Besides the micro-porous ceramics, the liquid supply material of the atomizer (307) may also be foamed ceramics, micro-porous glass, foamed metal, stainless steel fiber felt, terylene fiber, nylon fiber, nitrile fiber, aramid fiber or hard porous plastics." <b>Hon '745 (Ex. 1005), ¶[0034].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "The heating body (305) inside the atomizer (307) produces heat." <b>'521 Application (Ex. 1002), ¶[0026].</b></li> <li>• "Besides the micro-porous ceramics, the liquid supply material of the atomizer (307) may also be foamed ceramics, micro-porous glass, foamed metal, stainless steel fiber felt, terylene fiber, nylon fiber, nitrile fiber, aramid fiber or hard porous plastics." <b>'521 Application (Ex. 1002), ¶[0028].</b></li> </ul>
<b>CLAIM 8</b>	<b>REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ("Hon '745") (Ex. 1005)</b>	<b>REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 ("521 APPLICATION") (Ex. 1002)</b>
The device of claim 1 with the first screw thread electrode having external screw threads on an outside surface of	<ul style="list-style-type: none"> <li>• "An external thread electrode is located in one end of battery assembly." <b>Hon '745 (Ex. 1005), Abstract.</b></li> <li>• "Therein, an external thread electrode is located in one end of the battery assembly...." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> </ul>	<ul style="list-style-type: none"> <li>• "An external thread electrode (209) is located in one end of the battery assembly...." <b>'521 Application (Ex. 1002), ¶[0019].</b></li> <li>• "On one end of the primary shell (211) is an external thread electrode (209)." <b>'521 Application (Ex. 1002), ¶[0020].</b></li> </ul>

the tubular battery assembly housing.	<ul style="list-style-type: none"> <li>• "The battery assembly includes the...primary screwthread electrode...." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "An external thread electrode (209) is located in one end of the battery assembly...." <b>Hon '745 (Ex. 1005), ¶[0026].</b></li> <li>• "FIG. 2A is the diagram of one structure of the battery assembly of this invention." <b>Hon '745 (Ex. 1005), ¶[0012].</b></li> <li>• "FIG. 2A is the diagram of another structure of the battery assembly of this invention." <b>Hon '745 (Ex. 1005), ¶[0013].</b></li> <li>• Figs. 2A and 2B show the first screw thread electrode having external screw threads on an outside surface of the tubular battery assembly housing. <b>Hon '745 (Ex. 1005), Figs. 2A, 2B.</b></li> </ul>	<ul style="list-style-type: none"> <li>• "Figure 2A is a view of the battery assembly." <b>'521 Application (Ex. 1002), ¶[0006].</b></li> <li>• "Figure 2B is a view of another battery assembly." <b>'521 Application (Ex. 1002), ¶[0007].</b></li> <li>• Figs. 2A and 2B show the first screw thread electrode having external screw threads on an outside surface of the tubular battery assembly housing. <b>'521 Application (Ex. 1002), Figs. 2A, 2B.</b></li> </ul>
<b>CLAIM 9</b>	<b>REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ("HON '745") (Ex. 1005)</b>	<b>REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 ("'521 APPLICATION") (Ex. 1002)</b>
The device of claim 5 further including a separator between the air inlet and the atomizer, with the	<ul style="list-style-type: none"> <li>• "The said atomizer assembly includes...air-liquid separator, atomizer and the secondary shell.... The air-liquid separator and the atomizer are connected with the internal thread electrode successively.</li> </ul>	<ul style="list-style-type: none"> <li>• "As shown in Figure 3, the atomizer assembly includes ... air-liquid separator (303), atomizer (307) and the secondary shell (306).... The air-liquid separator (303) and the atomizer (307) are connected with the internal thread</li> </ul>

separator having a run-through hole, and with the air flow path passing through the run-through hole.	<p>On the secondary shell, there is an air intake hole.... The said air-liquid separator is made of stainless steel or plastic with a hole drilled." <b>Hon '745 (Ex. 1005), ¶[0009].</b></p> <ul style="list-style-type: none"> <li>• "As shown in FIG. 3, the atomizer assembly includes...air-liquid separator (303), atomizer (307), and the secondary shell (306).... The air-liquid separator (303) and the atomizer (307) are connected with the internal thread electrode (302) successively. On the secondary shell (306), there is an air intake hole (502). The air-liquid separator (303) is made of stainless steel or plastic with a hole drilled." <b>Hon '745 (Ex. 1005), ¶[0029].</b></li> <li>• "The air enters through the air intake hole (502), passes through the run-through hole on the air-liquid separator (303)...." <b>Hon '745 (Ex. 1005), ¶¶[0032], [0040].</b></li> <li>• Figs. 5A and 5B show that separator (303) is between air inlet (502) and atomizer (307). <b>Hon '745 (Ex. 1005), Figs. 5A, 5B.</b></li> </ul>	<p>electrode (302) successively. On the secondary shell, there is an air intake hole (502). The said air-liquid separator (303) is made of stainless steel or plastic with a hole." <b>'521 Application (Ex. 1002), ¶[0022].</b></p> <ul style="list-style-type: none"> <li>• "The air enters through the air intake hole (502), passes through the run-through hole on the air-liquid separator (303)...." <b>'521 Application (Ex. 1002), ¶¶[0026], [0035].</b></li> <li>• Figs. 5A and 5B show that separator (303) is between air inlet (502) and atomizer (307). <b>'521 Application (Ex. 1002), Figs. 5A, 5B.</b></li> </ul>
<b>CLAIM 10</b>	<b>REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ('Hon '745') (Ex. 1005)</b>	<b>REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 (''521 APPLICATION') (Ex. 1002)</b>
The device of	<ul style="list-style-type: none"> <li>• "Therein, an external thread electrode</li> </ul>	<ul style="list-style-type: none"> <li>• "An external thread electrode (209) is</li> </ul>



claim 1 wherein the first screw thread electrode surrounds and is concentric with the second screw thread electrode.	<p>is located in one end of the battery assembly, and an internal thread electrode is located in one end of the atomizer assembly. The battery assembly and atomizer assembly are connected through the screwthread electrode." <b>Hon '745 (Ex. 1005), ¶[0009].</b></p> <ul style="list-style-type: none"> <li>• "An external thread electrode (209) is located in one end of the battery assembly, and an internal thread electrode (302) is located in one end of the atomizer assembly. The battery assembly and atomizer assembly are connected through the screwthread electrode into an emulation cigarette." <b>Hon '745 (Ex. 1005), ¶[0026].</b></li> <li>• Figs. 5A, 5B and 12 show that the first screw thread electrode (209) surrounds and is concentric with the second screw thread electrode (302). <b>Hon '745 (Ex. 1005), Figs. 5A, 5B, 12.</b></li> </ul>	<p>located in one end of the battery assembly, and an internal thread electrode (302) is located in one end of the atomizer assembly. The battery assembly and atomizer assembly are connected through the screw thread electrode into an electronic cigarette." <b>'521 Application (Ex. 1002), ¶[0019].</b></p> <ul style="list-style-type: none"> <li>• Figs. 5A, 5B and 12 show that the first screw thread electrode (209) surrounds and is concentric with the second screw thread electrode (302). <b>Hon '745 (Ex. 1005), Figs. 5A, 5B, 12.</b></li> </ul>
<b>CLAIM 11</b>	<b>REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ('HON '745") (EX. 1005)</b>	<b>REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 (''521 APPLICATION") (EX. 1002)</b>
The device of claim 10 with the heater wire having a first lead connected to the inner electrode and	<ul style="list-style-type: none"> <li>• Figs. 5A, 5B, and 12 show thread electrode 302 and an inner thread-less electrode. The heater wire has a first lead connected to the inner electrode and a second lead connected to the</li> </ul>	<ul style="list-style-type: none"> <li>• Fig. 12 shows thread electrode 302 and an inner thread-less electrode. The heater wire has a first lead connected to the inner electrode and a second lead connected to the outer electrode. <b>Hon</b></li> </ul>

a second lead connected to the outer electrode.	outer electrode. <b>Hon '745 (Ex. 1005), Figs. 5A, 5B, 12.</b>	<b>'745 (Ex. 1005), Fig. 12.</b>
<b>CLAIM 12</b>	<b>REPRESENTATIVE DISCLOSURE IN U.S. PATENT PUBL. NO. 2009/0126745 ("HON '745") (Ex. 1005)</b>	<b>REPRESENTATIVE DISCLOSURE IN SPECIFICATION OF U.S. PATENT APPL. NO. 13/754,521 ("521 APPLICATION") (Ex. 1002)</b>
The device of claim 11 with the first and second through holes leading into the airflow path.	<ul style="list-style-type: none"> <li>• "Therein, an external thread electrode is located in one end of the battery assembly, and an internal thread electrode is located in one end of the atomizer assembly. The battery assembly and atomizer assembly are connected through the screwthread electrode." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "The said external thread electrode is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "The said internal thread electrode is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>Hon '745 (Ex. 1005), ¶[0009].</b></li> <li>• "An external thread electrode (209) is located in one end of the battery assembly, and an internal thread electrode (302) is located in one end of the atomizer assembly. The battery assembly and atomizer assembly are connected through the screwthread</li> </ul>	<ul style="list-style-type: none"> <li>• "An external thread electrode (209) is located in one end of the battery assembly, and an internal thread electrode (302) is located in one end of the atomizer assembly. The battery assembly and atomizer assembly are connected through the screw thread electrode into an electronic cigarette." <b>'521 Application (Ex. 1002), ¶[0019].</b></li> <li>• "The external thread electrode (209) is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>'521 Application (Ex. 1002), ¶[0021].</b></li> <li>• "The internal thread electrode (302) is a gold-coated stainless steel or brass part with a hole in the center." <b>'521 Application (Ex. 1002), ¶[0022].</b></li> <li>• "The air enters through the air intake hole (502), passes through the run-through hole on the air-liquid separator (303), and helps to form air-liquid mixture in the spray nozzle (304) of the atomizer (307). The air-liquid mixture sprays onto the heating body (305), gets vaporized, and is</li> </ul>

	<p>electrode into an emulation cigarette." <b>Hon '745 (Ex. 1005), ¶[0026].</b></p> <ul style="list-style-type: none"> <li>• "The external thread electrode (209) is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>Hon '745 (Ex. 1005), ¶[0028].</b></li> <li>• "The internal thread electrode (302) is a gold-coated stainless steel or brass part with a hole drilled in the center." <b>Hon '745 (Ex. 1005), ¶[0029].</b></li> <li>• "The air enters through the air intake hole (502), passes through the run-through hole on the air-liquid separator (303), and helps to form air-liquid mixture in the spray nozzle (304) of the atomizer (307). The air-liquid mixture sprays onto the heating body (305), gets vaporized, and is quickly absorbed into the airflow and condensed into aerosol, which passes through the air intake hole (503) and suction nozzle (403) to form white mist type aerosol." <b>Hon '745 (Ex. 1005), ¶¶ [0032], [0040].</b></li> </ul>	<p>quickly absorbed into the airflow and condensed into aerosol, which passes through the air intake hole (503) and suction nozzle (403) to form white mist type aerosol." <b>'521 Application (Ex. 1002), ¶¶[0026], [0035].</b></p>
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