SUMMARY

[0007] Aspects of the current subject matter relate to vaporizer devices and/or apparatus that include one or more absorbent pads or members oriented to prevent leakage without disrupting the airflow or formation of vapor within the devices and/or apparatus. In general, moisture and particles from the vapor can be deposited on a filter pad that is off-axis relative to the vapor path.

[0008] According to a first aspect of the present invention, there is provided a vaporizer device including: a reservoir configured to contain a vaporizable material, a mouthpiece configured to deliver an aerosol comprising the vaporizable material to a user, an air flow path having an air flow path axis, a heating element configured to heat and cause vaporization of the vaporizable material into air drawn into the vaporizer device along the air flow path, the air flow path connecting an air inlet via which air from outside the vaporizer device enters the vaporizer device and the mouthpiece, the air flow path passing proximate to the heating element, and a pad positioned within or proximate to the mouthpiece and away from the air flow axis.

[0008a] According to a second aspect of the present invention, there is provided a method including: heating and causing vaporization of a vaporizable material into air drawn into a vaporizer device along an air flow path having an air flow axis, the air flow path connecting an air inlet via which air from outside the vaporizer device enters the vaporizer device and a mouthpiece configured to deliver an aerosol comprising the vaporizable material to a user; passing the air over a pad positioned within or proximate to the mouthpiece, the pad configured to capture deposited and/or condensed liquid from the air without requiring the air to pass through the pad.

[0008b] According to a third aspect of the present invention, there is provided a cartridge device including: an elongate and flattened tubular body extending in a distal to proximal axis and having a width and a diameter that are transverse to the distal to proximal axis; a tank within a proximal end of the elongate and flattened tubular body, the tank configured to hold a vaporizable material; a mouthpiece at the proximal end of the elongate and flattened tubular body; an overflow leak chamber at a distal end of the elongate and

flattened tubular body; an air path extending from the overflow leak chamber through the tank to the mouthpiece; a heater comprising a wick and a heating coil extending within the air path; an opening into the overflow leak chamber from an external surface of the device, wherein the opening is fluidly connected with the air path; and one or more absorbent pads within the overflow leak chamber.

[0008c] According to a fourth aspect of the present invention, there is provided a cartridge device including: an elongate and flattened tubular body extending in a distal to proximal axis and having width and diameter that are transverse to the distal to proximal axis, wherein the diameter is 1.2 times or greater than the width; a tank within a proximal end of the elongate and flattened tubular body, the tank configured to hold a liquid vaporizable material; a mouthpiece at the proximal end of the elongate and flattened tubular body; one or more mouthpiece absorbent pads within the mouthpiece; an overflow leak chamber at a distal end of the elongate and flattened tubular body, wherein a length of the overflow leak chamber along the distal to proximal axis is between 0.5 and 2 times a length of the tank along the distal to proximal axis; an air path extending proximally from the overflow leak chamber through the tank to the mouthpiece, wherein the air path comprises a cannula extending through the tank; a heater comprising a wick and a heating coil extending within the air path; an opening into the overflow leak chamber from an external surface of the device, wherein the opening is fluidly connected with the air path; and one or more absorbent pads within the overflow leak chamber.

[0009] The details of one or more variations of the subject matter described herein are set forth in the accompanying drawings and the description below. Other features and advantages of the subject matter described herein will be apparent from the description and drawings, and from the claims.

DESCRIPTION OF DRAWINGS

[0010] The accompanying drawings, which are incorporated in and constitute a part of this specification, show certain aspects of the subject matter disclosed herein and, together with the description, help explain some of the principles associated with the disclosed implementations. In the drawings: