wide range of nicotine concentrations, as well as nicotine-free liquids are available in the marketplace.

[0005] In addition to E-liquid, other products may be used to produce vapor such as waxes and solids such as loose leafs. Generally, each type of product requires a specific type of atomizer. A loose leaf product may be vaporized by a hot stream of gas, whereas waxes and E-liquids may be vaporized upon contact with a heated element.

BRIEF SUMMARY

[0006] A vaporizer for vaporizing combinations of product is disclosed. The vaporizer includes a first a first body, a cartridge, a second body, a controller, and a fluid path. The first body has an air inlet and a cavity for receiving the cartridge. The cartridge is disposed in the cavity and contains a first product. A second body contains a second product and has a recess complementary to the shape of the first body. The controller is in communication with the first cartridge and the second body and is configured to control the amount of vapor produced by each cartridge. The fluid path passes from the second body through the inlet to the first body to provide vapor from the second body to the first cartridge.

[0006a] According to an aspect of the present invention, there is provided a combination vaporizer, comprising: a first vaporizer element comprising: a first body having an upper and lower end, wherein the first body has a cavity in the upper end for receiving a cartridge, a first air inlet, and a first vapor outlet; and a first cartridge disposed in the cavity, the first cartridge containing a first product and a first atomizer for atomizing the first product; and a second vaporizer element comprising a second body containing a heating element, an air inlet and vapor outlet, and a second product, the second body having a recess complementary to the shape of the lower end of the first vaporizer element; a controller in electrical communication with the first cartridge and the second vaporizer element, the controller configured to control the amount of vapor produced by first cartridge and the second body; and a fluid path passing from the second vapor outlet through the first air inlet to the first cartridge for combining vapor from the second vaporizer element with the vapor produced by the first cartridge; and a fluid path passing from the first cartridge to the first vapor outlet.

BRIEF DESCRIPTION OF THE DRAWINGS

[0007] FIG. 1 illustrates a perspective view of a vaporizer.

[0008] FIG. 2 illustrates an exploded view of the vaporizer of FIG. 1.

[0009] FIG. 3 illustrates cartridges for use in the vaporizer of FIG. 1.

[0010] FIG. 4 illustrates a schematic view of the airflow of the vaporizer of FIG. 1.

[0011] FIG. 5 illustrates an embodiment of an add-on tank.

[0012] FIG. 6 illustrates a schematic view of the airflow of the add-on tank of FIG. 5.

[0013] FIG. 7 illustrates an embodiment of a vaporizer combined with an add-on tank.

[0014] FIG. 8 illustrates a schematic view of the airflow of the embodiment of FIG. 7.