According to a first aspect, there is provided a cartridge comprising: a first compartment comprising a volatile delivery enhancing compound source; a second compartment comprising a medicament source; a vaporiser for heating the medicament, wherein the vaporiser comprises an electrically operated heater, the heater being connectable to an electric power supply; and a transfer element for conveying the medicament from the second compartment to the vaporiser.

According to a second aspect, there is provided a device configured to receive a cartridge according to at least the first aspect, the device comprising: an outer housing; a power source; a coupling portion for coupling the device to the cartridge, wherein the coupling portion comprises electrical connectors that enable power to be provided to the vaporiser of the cartridge; temperature controlling means for controlling the temperature of the first compartment of the cartridge; temperature controlling means for controlling the temperature of the vaporiser for heating a medicament; and electronic circuitry configured to control power to the temperature controlling means from the power source, wherein the electronic circuitry is configured to maintain the first compartment of the cartridge at a temperature of between 30°C and 50°C.

According to a third aspect, there is provided an aerosol delivery system comprising: a device in cooperation with a cartridge, the cartridge comprising a first compartment comprising a volatile delivery enhancing compound source; the cartridge comprising a second compartment comprising a medicament source; the cartridge comprising a vaporiser for heating the medicament, wherein the vaporiser comprises an electrically operated heater, the heater being connectable to an electric power supply; and the cartridge further comprising a transfer element for conveying the medicament from the second compartment to the vaporiser; wherein the device or cartridge further comprises an aerosol forming chamber in fluid communication with the first compartment and the second compartment.

Herein disclosed is a method of delivering aerosolised medicament-containing particles to a user, the method comprising: controlling the temperature of a delivery enhancing compound to between 30°C and 50°C to form a delivery enhancing compound-containing vapour; heating a medicament to a temperature of between 70°C and 100°C to form a medicament-containing vapour; and contacting the delivery enhancing compound-containing vapour with the medicament-containing vapour to form aerosolised medicament-containing particles.

Herein disclosed is a cartridge comprising: a first compartment comprising a volatile delivery enhancing compound source; a second

Claims:

1. A cartridge comprising:

a first compartment comprising a volatile delivery enhancing compound source;

a second compartment comprising a medicament source;

a vaporiser for heating the medicament, wherein the vaporiser comprises an electrically operated heater, the heater being connectable to an electric power supply; and

a transfer element for conveying the medicament from the second compartment to the vaporiser.

2. A cartridge according to claim 1 further comprising an aerosol forming chamber in fluid communication with the first compartment and the second compartment.

3. A cartridge according to claim 2 further comprising at least one air inlet upstream of the first compartment and at least one air outlet downstream of the aerosol forming chamber, the at least one air inlet and the at least one air outlet being arranged to define an air flow pathway extending from the at least one air inlet to the at least one air outlet via the first compartment, the vaporiser and the aerosol forming chamber.

4. A cartridge according to claim 1, 2 or 3, wherein the transfer element comprises a capillary material for conveying the medicament from the second compartment to the vaporiser by capillary action.

5. A cartridge according to claim 4, wherein the capillary material is a capillary wick having a first portion extending into the second compartment and a second portion adjacent to the vaporiser.

6. A cartridge according to any one of the preceding claims, wherein the second compartment comprises a sorption element with the medicament sorbed thereon.

7. A cartridge according to any one of the preceding claims, wherein the medicament comprises pure nicotine, a nicotine solution or a liquid tobacco extract.

8. A cartridge according to any one of the preceding claims, wherein the first compartment comprises a sorption element with the volatile delivery enhancing compound sorbed thereon.

9. A cartridge according to any of the preceding claims, wherein the volatile delivery enhancing compound comprises an acid selected from the group consisting of 3-methyl-2-

oxovaleric acid, pyruvic acid, 2-oxovaleric acid, 4-methyl-2-oxovaleric acid, 3-methyl-2-oxobutanoic acid, 2-oxooctanoic acid and combinations thereof.

10. A device configured to receive a cartridge according to any of the preceding claims, the device comprising:

an outer housing;

a power source;

a coupling portion for coupling the device to the cartridge, wherein the coupling portion comprises electrical connectors that enable power to be provided to the vaporiser of the cartridge;

temperature controlling means for controlling the temperature of the first compartment of the cartridge;

temperature controlling means for controlling the temperature of the vaporiser for heating a medicament; and

electronic circuitry configured to control power to the temperature controlling means from the power source,

wherein the electronic circuitry is configured to maintain the first compartment of the cartridge at a temperature of between 30°C and 50°C.

11. A device according to Claim 10, wherein the electronic circuitry is configured to maintain the temperature of the medicament at a temperature of between 70°C and 100°C.

12. An aerosol delivery system comprising:

a device in cooperation with a cartridge, the cartridge comprising a first compartment comprising a volatile delivery enhancing compound source;

the cartridge comprising a second compartment comprising a medicament source;

the cartridge comprising a vaporiser for heating the medicament, wherein the vaporiser comprises an electrically operated heater, the heater being connectable to an electric power supply; and

the cartridge further comprising a transfer element for conveying the medicament from the second compartment to the vaporiser;

wherein the device or cartridge further comprises an aerosol forming chamber in fluid communication with the first compartment and the second compartment.

13. An aerosol delivery system according to claim 12, wherein the device or the cartridge further comprises a mouthpiece in fluid communication with the aerosol forming chamber.