

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PATENT OF: LI HAN
REEXAMINATION NO.: 95/002,235
FILED: 09/13/2012
FOR: U.S. PATENT NO. 8,156,944

EXAMINER: TERRENCE R. TILL
ART UNIT: 3991
CONF. NO: 3893

TITLE: **AEROSOL ELECTRONIC CIGARETTE**

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

In response to the Office Action dated 11/27/2012, please amend the patent as follows:

Amendments to the Claims are reflected in the listing of claims on pages 2-5.

A Statement Under 37 CFR §1.985(a) is on page 6.

Status of the Claims is on page 7.

Support for Changes to the Claims is on page 8.

Claims Confirmed to be Patentable is on page 9.

Remarks are on pages 10-21.

A Proof of Service is attached.

Amendments to the Claims:

Please cancel claims 7, 27 and 37.

Pursuant to Rule 1.530(d)(2), claims 1-6, 8-26, 31, 33-36 and 38-41 of the patent are not presented here because no changes are made to these claims.

Please amend claims 28-30 and 32 as follows:

28. (Amended) An aerosol electronic cigarette of claim [27,] 44 wherein the said case has a spare liquid supply bottle in it.

29. (Amended) An aerosol electronic cigarette of claim [27,] 44 wherein the said power output of the auxiliary charging storage battery is connected with the power input of the charger.

30. (Amended) An aerosol electronic cigarette of claim [27,] 44 wherein the power output of the said charger is a charging slot, which fits with a charging plug of the rechargeable battery inside the electronic cigarette, or a charging plug, which fits with the charging slot of the rechargeable battery.

32. (Amended) An aerosol electronic cigarette of claim [27,] 44 wherein on the principal part of the said case, there is a pair of slide ways corresponding to the position of the said electronic cigarette, and on the slide ways, there is a slide cover.

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Please add new claims 42-44 as follows:

42 (New) An aerosol electronic cigarette, comprising:

a battery assembly, an atomizer assembly, a cigarette-solution storage area, and a hollow shell having a mouthpiece, the battery assembly connects with the atomizer assembly, and both are located in the shell;

the cigarette solution storage area is located in one end of the shell adjacent to the mouthpiece, and fits with at least a portion of the atomizer assembly inside it;

the shell has through-air-inlets;

the atomizer assembly includes an atomizer comprising an electric heating rod and a run-through atomizing chamber;

the electric heating rod comprises a cylinder and a heating element provided at a wall of the cylinder, the heating element is a coiled wire that extends along the length of the cylinder and is on an outer surface of the cylinder, the electric heating rod is in the atomizing chamber and there is a negative pressure cavity in the atomizing chamber.

43. (New) An aerosol electronic cigarette, comprising:

a battery assembly, an atomizer assembly, a cigarette solution storage area, and a hollow shell having a mouthpiece, the battery assembly connects with the atomizer assembly, and both are located in the shell;

the cigarette solution storage area is located in one end of the shell proximal to the mouthpiece, and fits with at least a portion of the atomizer assembly inside it;

the shell has through-air-inlets;

the atomizer assembly is an atomizer, which includes a porous component and an electric heating rod;

wherein the electric heating rod comprises a cylinder and a heating element provided at a wall of the cylinder and outside of the wall of the cylinder, the porous component has a run-through atomizing chamber; and

the electric heating rod is in the atomizing chamber and there is a negative pressure cavity in the atomizing chamber.

44. (New) An aerosol electronic cigarette, comprising:

a battery assembly, an atomizer assembly, a cigarette solution storage area, and a hollow shell having a mouthpiece and through-air-inlets, with the battery assembly connected with the atomizer assembly, and with the battery assembly and the atomizer assembly in the shell;

the cigarette solution storage area is located in one end of the shell proximal to the mouthpiece, and fits with at least a portion of the atomizer assembly inside it;

the atomizer assembly is an atomizer, which includes a porous component and an electric heating rod; wherein the electric heating rod comprises a cylinder and a heating element provided at a wall of the cylinder, the porous component has a run-

through atomizing chamber, and the electric heating rod is in the atomizing chamber and, there is a negative pressure cavity in the atomizing chamber;

wherein the battery assembly includes a rechargeable battery and the electronic cigarette is configured to connect to a charging device including a case which contains an auxiliary charging storage battery and holds the electronic cigarette and the charger for the rechargeable battery in the electronic cigarette.

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