



US 20130319437A1

(19) **United States**

(12) **Patent Application Publication**  
**Liu**

(10) **Pub. No.: US 2013/0319437 A1**

(43) **Pub. Date: Dec. 5, 2013**

(54) **ELECTRONIC HOOKAH**

(52) **U.S. Cl.**

USPC ..... 131/329

(71) Applicants: **Noam Loubel, (US); Yehoshua Shay Kastro, (US)**

(57) **ABSTRACT**

(72) Inventor: **Tuanfang Liu, Ji'an City (CN)**

(73) Assignees: **Tuanfang Liu, Ji'an City (CN); Yehoshua Shay Kastro, Shenzhen City (CN); Noam Loubel, Shenzhen City (CN)**

A new kind of electronic hookah is composed by the battery, reservoir and atomization parts. Wherein, the battery part includes the rechargeable battery; the atomization part includes four atomizers; the reservoir part is used to store smoke oil. The reservoir part has so large internal space that can store a mass of reservoir and the oil translation nozzles use mechanical switch in order to keep good sealing performance; under the combined effect of the reservoir part and the battery part, the atomization part can produce a traditional cigarette smoke effect by the suction effect of humans; Four rechargeable cylindrical batteries with high capacity are placed in the battery part; four atomizers are placed in the atomizing part. Amounts of smoke are large and smoking time is long, thus meeting suction and pumping of many people at the same time. This apparatus can be widely applied to various electronic cigarettes.

(21) Appl. No.: **13/631,260**

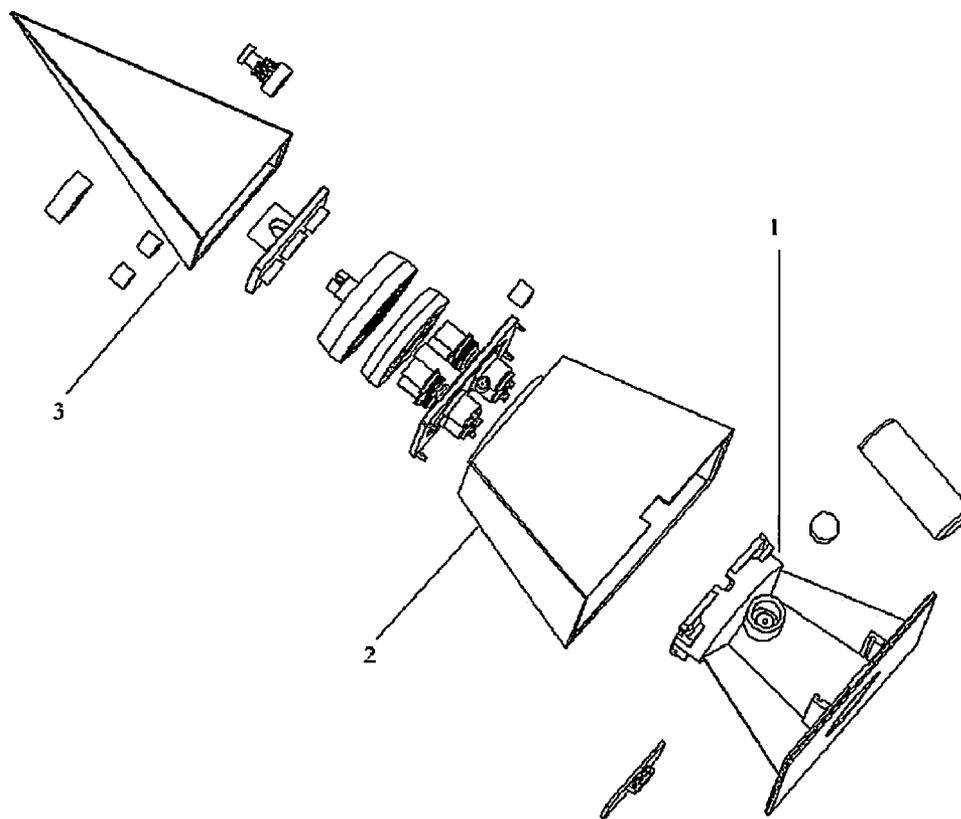
(22) Filed: **Sep. 28, 2012**

(30) **Foreign Application Priority Data**

May 30, 2012 (CN) ..... 201220251915.6

**Publication Classification**

(51) **Int. Cl.**  
**A24F 1/30** (2006.01)



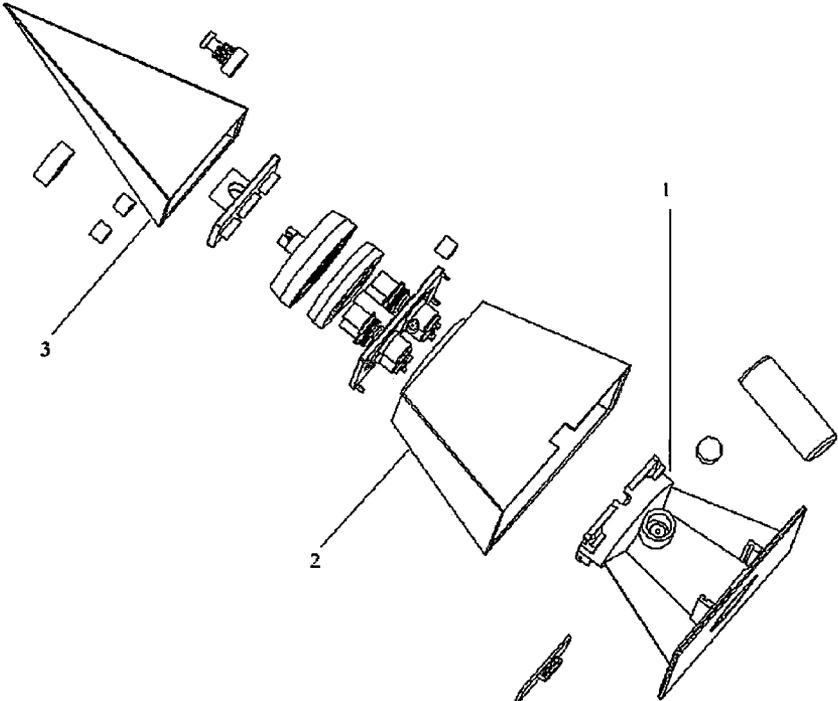


Figure 1

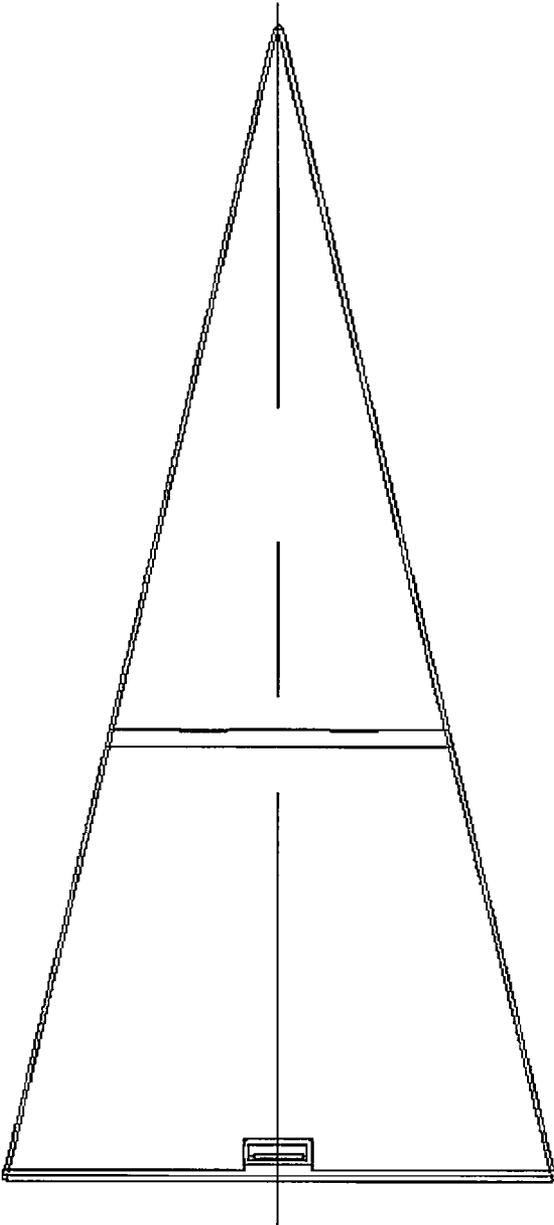


Figure 2

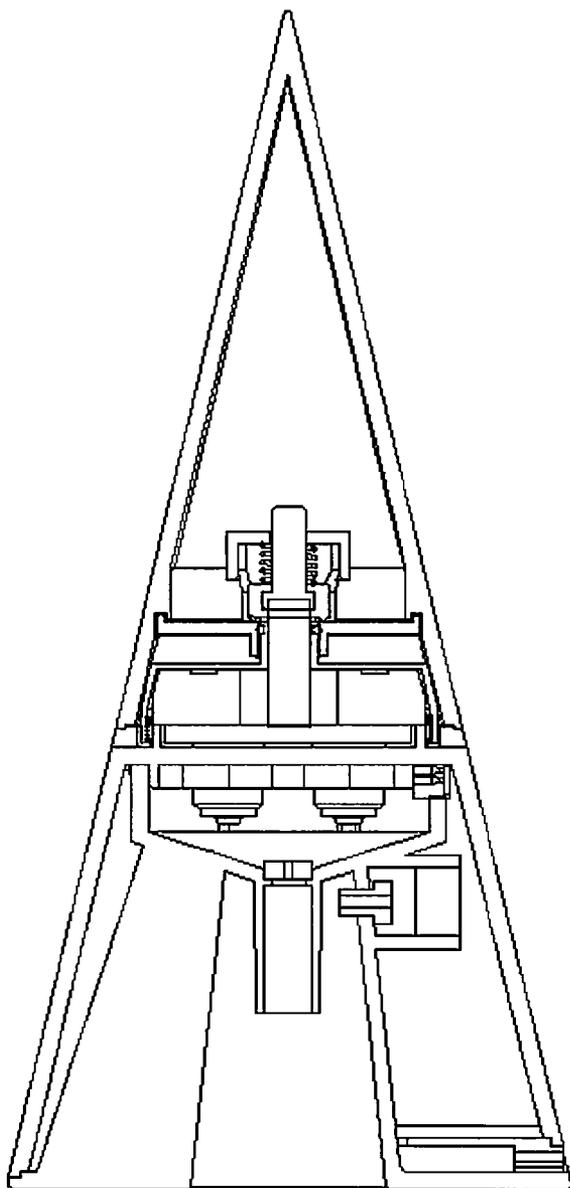


Figure 3

## ELECTRONIC HOOKAH

### TECHNICAL FIELD

[0001] The utility model is related to a smoking tool, further related to an electronic cigarette, and much further related to an electronic hookah.

### BACKGROUND TECHNOLOGIES

[0002] As “smoking is harmful to your health” draws much attention, there is still about billions of smokers in the world, and this number is growing greater and greater. In order to protect the environment, we all agree that smoking should be prohibited in public. Therefore, cigarette substitutes which can reduce the amount of nicotine together with the tar oil which is produced when a cigarette is burning breathed into the lungs appear on the market: such as “quitting smoking stick”, “nicotine mouthwash”, “packing in propellant high pressure spray”, “nicotine chewing gum”, “nicotine drinks” and other products. Although these products don’t contain the tar oil, because of the slow absorption of nicotine, it can not form an effective peak concentration in the blood. So smokers can not have much fun with nicotine and also were deprived of the already established habit of “suck”. So such products can not really be the substitutes of cigarette or be the quit-smoking supplies.

[0003] Meanwhile, it can not give the smoker who works as a writer and so on the feeling of just like “sucking” a real cigarette when he is writing something. Therefore, this utility model-electronic cigarette can effectively resolve the problems that mentioned above.

### CONTENTS OF THE INVENTION

[0004] In view of the above content, it is necessary to provide an electronic cigarette device with both suction and pumping function, and does not produce pollution.

[0005] A new type of electronic hookah device consists of the battery part, part and atomization part, including:

[0006] The battery part contains the rechargeable battery;

[0007] The atomization part includes four atomizers;

[0008] As well as the reservoir part used to store smoke and oil.

[0009] Preferably, the above reservoir part is placed on the spire, coordinated with the atomization part in the mode of magnet adsorption. Get conveniently, the internal space of the reservoir part is large, the oil storage capacity is also large, the oil mouth adopts the mechanical switch sealing with a good sealing performance.

[0010] Preferably, every parts of the hookah device are integrated together in the mode of magnet adsorption and the lock screw with easy disassembly.

[0011] Preferably, four rechargeable cylindrical batteries with high capacity are placed in the mentioned battery part; four atomizers are placed in the atomizing part. Composite the structure, the electronic hookah achieves large amount of smoke, the smoking time is quite long, and meet the suction, pumping of many people at the same time.

[0012] Compared with the present technology, the present utility model has the following advantages:

[0013] (1) The internal space of the reservoir part is large, the oil reservation amount is large, and the oil mouth uses the mechanical switch with a good sealing performance;

[0014] (2) The atomization part is under the combined action of the reservoir part and the battery part, and can produce the smoke effect of traditional cigarettes through the human mouth suction effect.

[0015] (3) Four rechargeable cylindrical batteries with high capacity are placed in the battery part; four atomizers are placed in the atomizing part. The amount of smoke is large, long smoking time, and can meet the suction and pumping of many people at the same time.

### DESCRIPTION OF ATTACHED FIGURES

[0016] Further describe the utility model below with reference to the attached figure and the examples.

[0017] FIG. 1 is the explosion view of the new electronic hookah.

[0018] FIG. 2 is the appearance schematic diagram of the new electronic utility hookah.

[0019] FIG. 3 is the cut-open view of the new electronic utility hookah.

### CONCRETE IMPLEMENTATION MODES

[0020] As shown in FIG. 1-3, the electronic hookah consists of the battery part 2, the reservoir part 3 and the atomization part 1, the characteristics are:

[0021] The battery part 2 contains the rechargeable battery;

[0022] The atomization part 1 includes four atomizers;

[0023] As well as the reservoir part 3 used to store smoke and oil.

[0024] The mentioned reservoir part 1 is placed on the spire, coordinated with the atomization part in the mode of magnet adsorption. Get conveniently, the internal space of the reservoir part is large, the oil storage capacity is also large, the oil mouth adopts the mechanical switch sealing with a good sealing performance.

[0025] Every part of the hookah device is integrated together in the mode of magnet adsorption and the lock screw with easy disassembly.

[0026] Four rechargeable cylindrical batteries with high capacity are placed in the above battery part 2; four atomizers are placed in the atomizing part 3. Composite the structure, the electronic hookah achieves large amount of smoke, long smoking time, and meet the suction, pumping of many people at the same time.

[0027] The utility model is mainly for the improvements of the electronic cigarette, the above are only the preferable examples of the utility model, and not limit the patent range of the utility model because of this. Therefore, for one applies the simple changes and equivalent transformation of the new specification and schematic content should be included in the patent range of the utility model.

1. A kind of electronic hookah device which is composed of battery part, reservoir part and atomization part. Its features are as follows:

The battery part contains the rechargeable battery;

The atomization part includes four atomizers;

And reservoir part which is used for oil storage.

2. The electronic hookah device according to patent claim 1 is characterized of that: place a spire on the mentioned reservoir part which matches with the atomization part in a magnet adsorption way.

3. The electronic hookah device according to patent claim 1 is characterized of that: all parts of the hookah device are assembled into a whole in a magnet adsorption and lock screw way.

4. The electronic hookah device according to patent claim 1 is characterized of that: the mentioned battery part contains fours rechargeable high capacity cylindrical batteries inside; the atomization part includes four built-in atomizers.

5. The electronic hookah device according to patent claim 2 is characterized of that: the mentioned battery part contains fours rechargeable high capacity cylindrical batteries inside; the atomization part includes four built-in atomizers.

\* \* \* \* \*