

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: LI HAN
APPLICATION No.: 13/079,937
FILED: APRIL 5, 2011
FOR: AEROSOL ELECTRONIC CIGARETTE

EXAMINER: DIONNE WALLS
MAYES
ART UNIT: 1747
CONF. NO: 1784

AMENDMENT

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

Sir:

In response to the Office Action dated 07/19/2012, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 5 of this paper.

[Continued on Next Page.]

Certificate of Electronic Filing

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being electronically filed with the U.S. Patent and Trademark Office on the date entered below.

August 7 2012
Date of Electronic Submission

Debbie Gilbert
Signature
Debbie Gilbert
Printed Name

76320-8012 US01 (LEGAL) 24335806.1

Please amend the Specification as follows:

Please replace the Specification as filed with the enclosed substitute specification filed under 37 CFR 1.125. The enclosed substitute specification corrects various grammatical and punctuation errors; divides the text into paragraphs; deletes extraneous and redundant content; and adds paragraph numbers for reference.

The Title of the Application is changed to "Electronic Cigarette" to provide a better idiomatic English description of claimed device.

Also enclosed is a copy of the original specification with handwritten markings showing the changes made in preparing the substitute specification.

Statement Under 37 CFR 1.125

The substitute specification contains no new matter.

Amendment to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

1-29. (Canceled)

30. (Currently Amended) An aerosol electronic cigarette, comprising:

a battery assembly, an atomizer assembly and a cigarette bottle assembly, and features a shell that is hollow and integrally formed [[:]];

the [[:]] battery assembly electrically connected connects with the [[:]] atomizer assembly, and both are located in the [[:]] shell;

the [[:]] cigarette bottle assembly is detachably located in one end of the shell, and fits with the [[:]] atomizer assembly inside it;

the [[:]] shell has through-air-inlets;

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

the [[:]] heating body is heating wire;

the [[:]] atomizer includes a frame;

the [[:]] porous component is supported by the set-on-the-said frame;

the heating wire is wound on the [[:]] porous component;

the [[:]] frame has a run-through hole [[:on it]];

~~the-said-porous-component-is-wound-with a heating wire wound in-the-on~~
~~the-side-in-the-axial-direction-of~~ on a part of the porous component that is substantially
aligned with the run-through hole; and with the porous component also positioned
substantially within the one end of the said porous component fits in with the said
cigarette bottle assembly.

31. (New) An electronic cigarette, comprising:

a battery assembly and an atomizer assembly within a housing with the battery assembly electrically connected to the atomizer assembly;

a liquid storage component in the housing;

with the housing having one or more through-air-inlets;

the atomizer assembly including a porous component supported by a frame having a run-through hole;

a heating wire wound on a part of the porous component in the path of air flowing through the run-through hole; and

the porous component substantially surrounded by the liquid storage component.

32. (New) An electronic cigarette, comprising:

a battery assembly and an atomizer assembly within a housing with the battery assembly electrically connected to the atomizer assembly;

with the housing having one or more through-air-inlets and an outlet;

the atomizer assembly includes a frame having a run through hole, and a porous component between the frame and the outlet;

a heating wire wound on a part of the porous component which is substantially aligned with the run-through hole; and

with the porous component in contact with a liquid supply in the housing.

REMARKS

A substitute specification is filed with this Amendment to correct various errors in the original specification.

Claim 30 has been amended to overcome the section 112 rejection at paragraph 3 of the Office Action. Lines 16-17 of original claim 30 are directed to Fig. 18, as shown below.

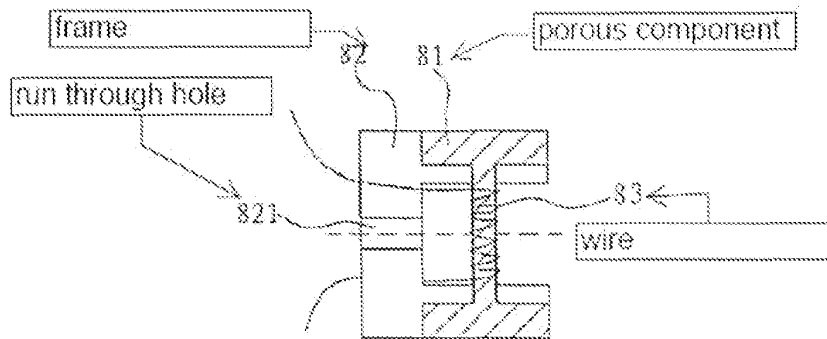


FIG. 18

Claim 30 is accordingly amended to replace "...porous component is wound with heating wire in the on the side in the axial direction of the run-through hole" with "the heating wire is wound on a part of the porous component that is substantially aligned with the run-through hole".

New claim 31 is similar to claim 30 and includes the elements of claim 30, but written with more common English usage. New claim 32 is similar to claims 30 and 31 but describes a heating wire wound on a part of the porous component substantially aligned with the run-through hole, as shown in Fig. 18 above; and with the porous

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.