[36] As shown in Fig. 1- Fig.4, the heating body 200 is arranged in the liquid guide 100 and is composed of a heating section located in the middle and electrodes located at two ends. The heating body is in the shape of a sheet, a cylinder or a spiral. The sheet- shaped heating body 200 can be rolled into an unclosed cylindrical heating body 200.

[37] Electrodes at two ends of heating body 200 are respectively connected with electrode lead 600, at least one electrode lead 600 is provided with an insulating sheath 500. In the present invention, insulating sheath 500 provided outside the electrode lead 600 is mainly to prevent a short circuit between two electrode leads 600, so if one of the electrode leads 600 has insulating sheath 500, the technical effect can be achieve. Therefore, the number of the electrode lead 600 with the insulating sheath 500 can be one or two. The installation position of the insulating sheath 500 at the electrode lead 600 requires that the insulating sheath 500 should be at least installed at the contact part between the electrode lead 600 and the housing 300. The reason is that the welding part of one end of the electrode lead 600 with the heating body 200 does not need to be provided with an insulating sheath 500, and at least at the end of the part of the electrode lead 600 extending out of the housing 300 has no insulating sheath 500 to connect with the battery.

[38] Insulating sheath 500 acts as an insulating and prevents the electrode lead 600 from contacting the metal of the housing 300 causing a short circuit inside the heating atomization core, furthermore, the insulating sheath 500 has a micro-elasticity and can be clamped between the housing 300 and the securing member 700 to well fix the lead without pinch off the electrode lead 600. Only a short section of conductive wire core leaks from the end of the electrode lead 600, so that the electrode lead 600 exposed outside the heating body 200 will not cause short circuit, and the electrode lead 600 can be designed to be longer to facilitate welding with external batteries.

[39] As shown in Fig.1- Fig.6, since the part of the electrode lead 600 protruding out of the housing 300 needs to be connected to the battery, and after the electrode lead 600 is forced to shake, the heating circuit of the heating body 200 will shake together, resulting in poor contact between the liquid guide 100 and the heating body 200, so it is necessary to fix the electrode lead 600 with the securing member 700 first. The middle or lower part of the electrode lead 600 is bent and attached to the inner wall of the housing 300. The securing member 700 is inserted into the housing 300 to fix the electrode lead 600. Specifically, the electrode lead 600 can be clamped and fixed between the securing member 700 and the inner

[43] In the second embodiment, the securing member 700 is provided with a through fixing hole, and the electrode lead 600 is inserted in the fixing hole.

[44] The securing member 700 is provided with a vent hole 710, which passes through the inside of the housing 300 and the outside of the housing 300. And after the securing member 700 blocks the housing 300, the vent hole 710 can introduce air into the heating body 200. The shape and aperture of vent hole 710 are set according to actual needs and are not limited here.

[45] After the liquid guide 100 and the heating body 200 are inserted into the housing 300, both the liquid guide cotton and the heating body 200 are fixed inside the housing 300 due to the restraint of the housing 300. Because the heating body 200 is made of metal, it will have an outward elastic force to make the heating body 200 and the .liquid guide 100 contact well. When the securing member 700 is inserted into the housing 300, the electrode lead 600 is clamped between the housing 300 and the securing member 700. The shaking of the extended electrode lead 600 will not cause shaking of the heating body 200 and heating circuit inside the housing 300, avoiding the problem of shaking the heating circuit together after the electrode lead 600 is subjected to force shaking, and solving the problem of poor contact between the liquid guide 100 and the heating body 200.