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H. P. SEITZ

1,848,388

EXTINGUISHER FOR CIGARETTES OR THE LIKE

Filed April 22, 1931

FIG. 1

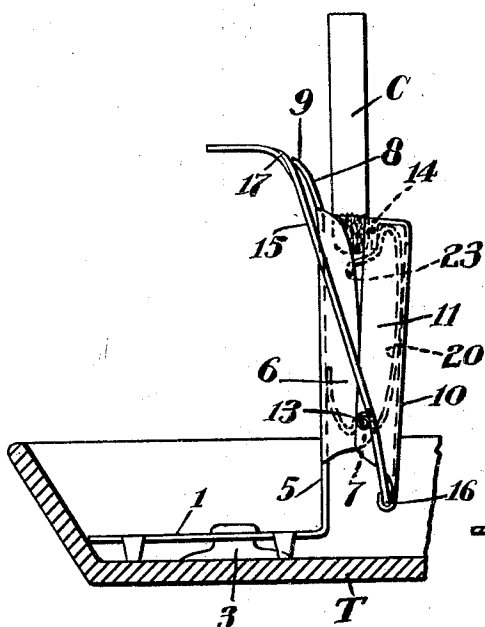


FIG. 2

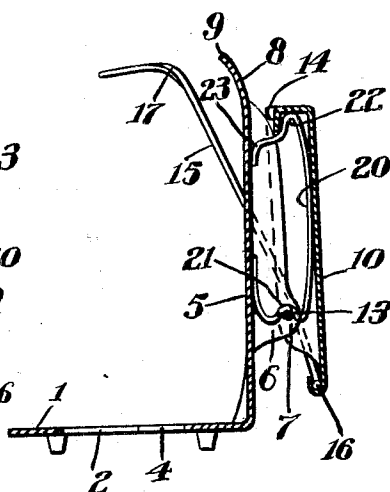


FIG. 3

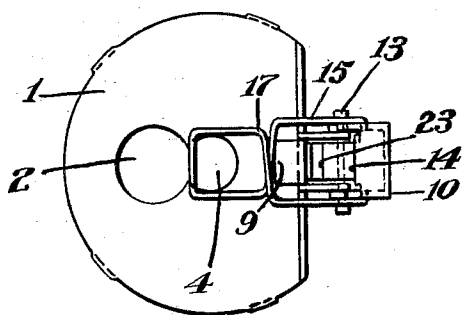
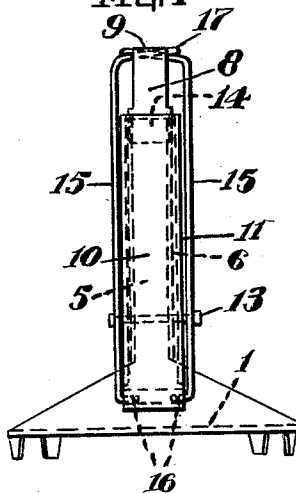


FIG. 4



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EXTINGUISHER FOR CIGARETTES OR THE LIKE

Application filed April 22, 1931. Serial No. 531,892.

This invention relates to cigarette extinguishing devices and the like and particularly to an appliance adapted to be combined or used with an ash tray or other receptacle.

5 The importance of extinguishing lighted cigarettes or cigarette butts has been heretofore stressed in this art and the need has been recognized for an apparatus which would be so simple and easy to operate that
10 the smoker would be encouraged to extinguish the lighted stub and not leave it a smoldering stub. It therefore becomes important that such devices be sufficiently inexpensive so that they may be provided in ample
15 numbers to be accessible at all points where smoking is going on and convenient to the hand of the smoker.

My invention provides a device simple in construction and inexpensive to manufacture
20 and one so easily operated that the smoker finds it more convenient to use than not. It also provides a structure which can be combined with other smoking equipment such as ash receivers, ash trays, smoking stands and the like, and also a very convenient form in
25 which it can be attached to any receptacle so as to be removable and replaceable. In such form it is of maximum utility for special occasions where a considerable number of people are to be served. In this form the device
30 is provided with a suction cup so that it can be attached to any tray, saucer or other receptacle for use and later removed and stored away for some other occasion.

35 As illustrative of my invention I have shown in the accompanying drawings a form of the device which is characteristic both as to principle and as to detail of structure. In the drawings:

40 Fig. 1 is an elevation of the article applied to an ash tray shown in fragmentary section.

Fig. 2 is a sectional view through the device.

Fig. 3 is a plan view, and

45 Fig. 4 is an elevation as viewed from the right of Fig. 2.

The embodiment as illustrated in these figures is preferably made from sheet metal being blanked out and assembled as shown.

50 In such form it comprises a flat base 1 preferably apertured at 2 to receive the head of

a suction cup 3 which head is then lodged in the communicating aperture 4 in which the cup is retained.

Rising from the base 1 is an upwardly extending portion 5 formed as a continuation of the base and having its edges bent over as at 6 to provide lateral walls. On these I preferably form pivoting ears 7. The upper end of the upwardly extending part 5 is continued as at 8 and provided with an outwardly bent end 9 which acts as a stop for the operating handle.

Cooperating with the member 5 is a jaw 10 having inturned edges 11 apertured at 12 and adapted to be overlapped and pivoted to the ears 7 by a pintle 13.

At its upper end the jaw 10 is provided with an overturned lip 14 which coacts with the opposite wall of the upright 5 to snuff
70 the lighted end of a cigarette C placed between them.

The jaw is operated by a handle 15 formed as a loop enclosing the two members. At its lower end it is attached to the jaw 10 as
75 at 16 and at its upper end has a cross bar 17. This gives a finger engagement and also acts as a stop in conjunction with the end 9 of the upright 5.

Intermediate its ends the handle 15 lies
80 across the ends of the pintle 13 thus affording points of leverage.

The jaw 10 is held normally away from the upright 5, as shown in Fig. 1, by a U-shaped or looped spring 20 adapted to be
85 disposed between the two members. At its lower end the U-shaped or ovate spring 20 is provided an indented bend 21 which seats on the pintle 13 so as to be sustained against
90 dislodgment.

At its upper end the spring 20 forms a loop 22 which is lodged in the recess formed by the overfolded lip 14. From this engaging loop portion 22 the spring member 20
95 is continued in the form shown to provide the stop 23 which is one of the features of my invention. For such the member is bent outwardly and as disposed is across the bite of the jaws. This provides a stop against
100

which the cigarette end may be lodged in snuffing.

The spring unit therefore provides resiliency between the members and also the stop aligned with the discharge of the ash and cigarette butt.

While shown as removably mounted by the suction cup 3 in any receptacle, such as an ash tray T my device may be held in any convenient manner either permanent or temporary. It may be made of any desired material and in any desired pattern or design, all such modifications and variations being within the concept of my invention if within the scope of the appended claims.

What I therefore claim and desire to secure by Letters Patent is:—

1. A cigarette snuffer comprising a base and an upwardly extending portion provided with lateral ears, a jaw having corresponding ears, said jaw having an inturned end forming a snuffing lip, a pintle through said ears, a U-shaped spring having bearing on said pivot and having its upper end curved and lodged under said lip and outwardly turned beyond said lip to form a stop for the cigarette end when thrust between the jaws.

2. A cigarette snuffer comprising a base and an upwardly extending portion provided with lateral ears, a jaw having corresponding ears, said jaw having an inturned end forming a snuffing lip, a pintle through said ears, a U-shaped spring having bearing on said pivot and having its upper end curved and lodged under said lip and outwardly turned beyond said lip to form a stop for the cigarette end when thrust between the jaws, a handle member comprising a wire loop having its lower ends attached to the bottom of said jaw and extending over said upwardly extending portion.

3. A cigarette snuffer comprising a base and an upwardly extending portion provided with lateral ears, a jaw having corresponding ears, said jaw having an inturned end forming a snuffing lip, a pintle through said ears, a U-shaped spring having bearing on said pivot and having its upper end curved and lodged under said lip and outwardly turned beyond said lip to form a stop for the cigarette end when thrust between the jaws, a handle member comprising a wire loop having its lower ends attached to the bottom of said jaw and extending over said upwardly extending portion and adapted to contact the upper end of said supporting member as a stop to hold the jaw in receiving position.

4. A cigarette snuffer comprising a base, a suction cup in the base for attachment to an ash tray or the like, an upwardly extending portion on the base, a jaw pivoted thereto, said jaw having a snuffing lip, a spring disposed so as to maintain said jaw open, a handle member comprising a wire loop having its lower ends attached to the bottom of said

jaw and extending over said upwardly extending portion and adapted to contact the upper end of said supporting member as a stop to hold the jaw in receiving position.

5. In a cigarette snuffer comprising an upwardly extending portion provided with lateral ears, a jaw having corresponding ears, said jaw having an inturned end forming a snuffing lip, a pintle through said ears, a U-shaped spring having bearing on said pivot and having its upper end curved and lodged under said lip and outwardly turned beyond said lip to form a stop for the cigarette end when thrust between the jaws.

6. A cigarette snuffer formed of sheet metal or the like comprising a base, and an upwardly extending portion provided with laterally bent portions including ears, a jaw having corresponding lateral portions and ears pivoted thereto, said jaw having an inturned end forming a snuffing lip, a U-shaped spring having bearing on said pivot and having its upper end curved and lodged under said lip and outwardly turned beyond said lip to form a stop for the cigarette end when thrust between the jaws.

In testimony whereof I affix my signature.
HERMANN PAUL SEITZ.