Aug. 2, 1927.

1,637,978

C. E. ANDERSON

SMOKER'S TRAY

Filed Aug. 27, 1926

Fig. 1.

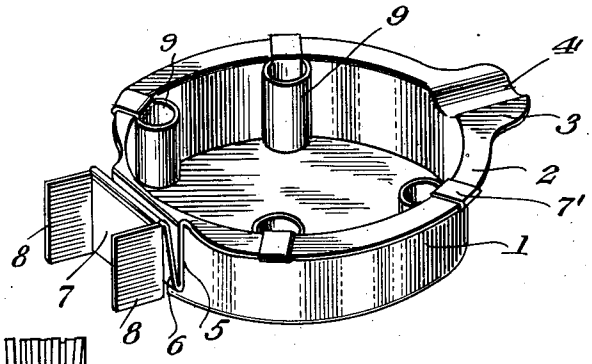


Fig. 2.

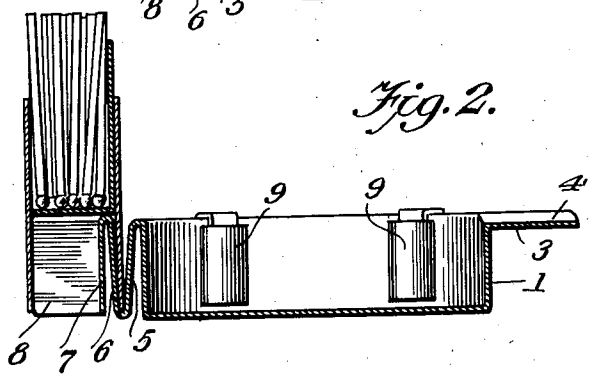
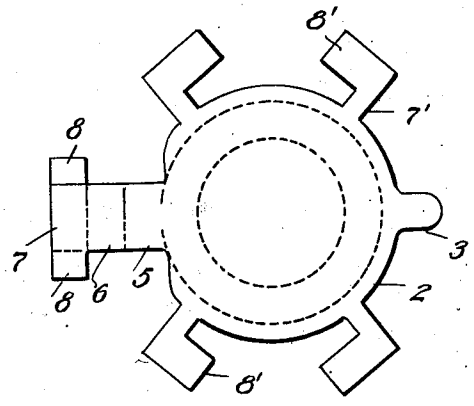


Fig. 3.



Charles Edward Anderson
INVENTOR

BY Victor J. Evans
ATTORNEY

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UNITED STATES PATENT OFFICE.

CHARLES EDWARD ANDERSON, OF SIOUX FALLS, SOUTH DAKOTA.

SMOKER'S TRAY.

Application filed August 27, 1926. Serial No. 131,977.

My present invention has reference to a tray for smokers' use and an object is the provision of a device of this character which provides in a single article, an ash tray, a match box holder, a cigarette rest and extinguishers for cigarettes.

A further object is the provision of a tray for smokers' use that is formed from a single blank of suitable material, having parts bent or otherwise shaped to provide a flanged bowl or tray, the flange having an extension which is grooved to form a rest for a cigarette, a second extension which is shaped to provide a grip whereby the device may be suspended from a suitable support and further bent to provide a support for a match box, there being other extensions which are bent over the flange and rounded upon themselves to form vertically extended tubes in the tray, and which tubes are designed to receive therein the lighted ends of cigarettes for extinguishing the same.

To the attainment of the foregoing objects and others which will present themselves as the nature of the invention is better understood, the improvement further resides in certain other novel features of construction, combination and operative association of parts, a satisfactory embodiment of which is disclosed by the accompanying drawings.

In the drawings:

Figure 1 is a perspective view of the improvement.

Figure 2 is an approximately central longitudinal sectional view therethrough.

Figure 3 is a plan view of the blank from which the device is formed.

As disclosed by Figure 3 of the drawings, the improvement is formed from a single blank of suitable metal. The metal blank is sprung, pressed or otherwise treated to form the same with a cup-shaped body 1. The body 1 has its open edge formed with an outstanding flange 2. This flange is projected at diametrically opposite points, one of said projections 3 being centrally concaved, as at 4, to provide the tray 1 with a rest for a cigarette. The second extension is of rectangular formation and is bent downwardly along one side of the tray to provide what I will term a lip 5. The lip merges into an upwardly directed flange 6 which in turn is bent downwardly, as at 7. The flange is wider than the mentioned extension and the sides thereof are bent outwardly in parallelism and at right angles to the part 7, as indicated by the numeral 8. The spring flanges 8, together with the space between the flanges 5 and 6 receive the slide of the match box, the box proper resting on the top of the flanges and on the connecting edge between the parts 6 and 7.

The flange 2 provides the tray with a beaded mouth, and in addition to the extensions just mentioned the said flange is formed with other right-angularly disposed extensions, four in number. These extensions 7′ are bent over the bead 2. Each of the extensions 7′ has one of its edges formed with a lateral projection 8′, and each of the projecting portions is rounded upon itself to provide a tubular member 9 which is received along the inner side of the tray 1. The tubes 9 are designed to receive therein the lighted ends of cigarettes, excluding such ends from air and therefore, causing the same to be quickly extinguished. In this manner it will be seen that lighted cigarettes may be extinguished in an easy and expeditious manner and also with this arrangement it will be further seen that the shape of the cigarette is not distorted so that the same can be readily withdrawn from the tube and again ignited.

The tray may be suspended by arranging the same on a support, it being merely necessary to slip the flange 5 over the said support, and the spring flange exerting compression against the support will force the tray into tight contact therewith.

By reference to the drawings it will be seen that the tubes are spaced a slight distance from the bottom of the tray. This permits the insertion of a thin implement for cleaning the space at the bottom below the tubes. A cleaning element may be also inserted through the tubes to remove therefrom ash and like residue. Also the parts 7′, which I have termed extensions, being of metal inherit a natural resiliency so that these elements may be flexed or slightly bent to arrange the tubes at an angle to better facilitate the cleaning thereof.

The improvement is ornamental in appearance, is of a simple construction and may be cheaply manufactured and commercialized. Obviously I do not wish to be restricted to the precise details of construction

herein set forth and hold myself entitled to all such changes therefrom as fairly fall within the scope of what I claim.

Having described the invention, I claim:

1. A smoker's tray, constructed of metal having bendable extensions on the mouth thereof which merge into lateral projections, designed to be folded upon themselves to provide tubes that are received in the tray when the extensions are bent over the mouth of the tray.

2. A smoker's tray formed from a single blank of metal to produce a bowl-shaped body having its open edge beaded outwardly and formed with extensions, one of said extensions being centrally grooved to provide a rest for a smoker's article, the opposite extension being bent downwardly against the side of the tray and from thence upwardly and having its end formed with a downturned flange and its sides formed with outturned flanges, the remaining extensions being bent over the bead, said extensions having lateral projections which are rounded upon themselves to provide tubes and which tubes are arranged in and along the side of the tray, all as and for the purpose set forth.

In testimony whereof I affix my signature.

CHARLES EDWARD ANDERSON.