

Dec. 23, 1952

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2,622,755

BASE FOR CIGARETTE LIGHTERS OR SIMILAR ARTICLES

Filed Aug. 24, 1950

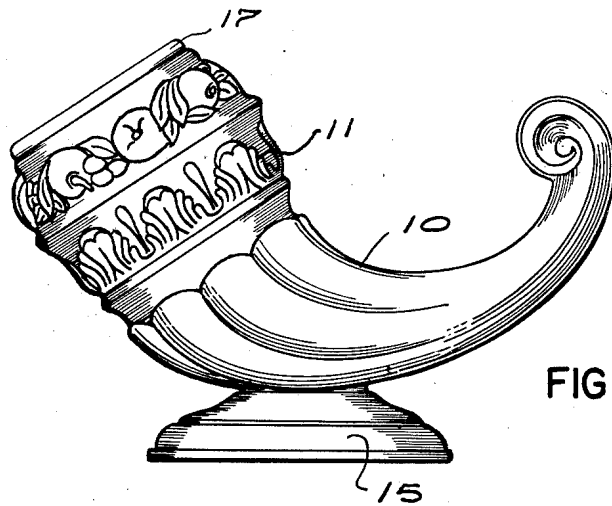


FIG. 1

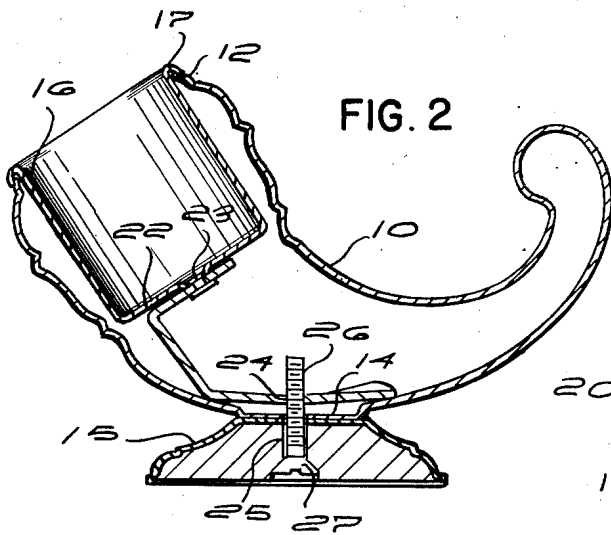


FIG. 2

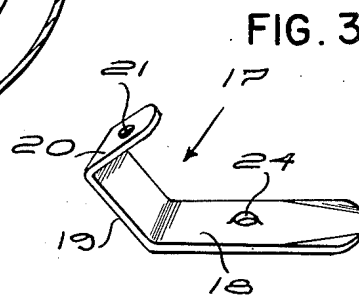


FIG. 3

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# UNITED STATES PATENT OFFICE

2,622,755

## BASE FOR CIGARETTE LIGHTERS OR SIMILAR ARTICLES

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Application August 24, 1950, Serial No. 181,298

2 Claims. (Cl. 220-10)

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This invention relates to a base for a cigarette lighter or similar article such as a cigarette urn.

Heretofore in forming a base for a cigarette lighter or similar article of the construction herein shown the cup for receiving the removable lighter unit was soldered in position and a base was soldered to the casing. Usually the casing was formed of two parts which were attached by hard solder which required that the cup and base be soft soldered in position. Great care and skill was required to accomplish this.

One of the objects of this invention is to eliminate the necessity of soldering a cup and base in position.

Another object is to provide a construction of the character here involved which will be much simpler in assembly than the structures heretofore provided.

Another object of the invention is to reduce the necessity of skilled labor.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings:

Figure 1 is an elevation of a portion of the base for a cigarette lighter constructed in accordance with this invention;

Figure 2 is a central sectional view thereof;

Figure 3 is a perspective view of the member which is used for holding parts of the lighter assembled.

With reference to the drawings, 10 designates a casing which is illustrated as in the shape of a horn of plenty. It is formed in halves which are secured together along a central longitudinally extending line by hard solder. This enables certain ornamental features 11 to be provided in the horn by striking the same in a dye. This casing when so formed is open at its end 12, which end by reason of the curved shape of the horn extends generally upwardly at an angle to the vertical. When the horn is positioned in substantially the position shown in the drawings, a protrusion 14 serves as a means against which the base 15 may abut. A cup 16 in which the removable lighter unit is positioned, extends into the opening 12 at the end of the horn and is flanged as at 17 to engage the marginal edge of the opening 12.

Instead of soldering the cup 16 in this opening and soldering the base 15 to the portion 14, we have provided a member 17, shown in perspective in Fig. 3, which has a horizontal portion 18, an angular portion 19 leading therefrom, and another portion 20 at right angles thereto with a

hole 21 therein. This portion 20 will engage the bottom 22 of the cup. A rivet 23 extends through an opening in the bottom of the cup and through this opening 21 with heads at its ends so as to hold the cup assembled with this member 17. This riveting occurs prior of the positioning of the cup and member into the horn through the opening 12. A threaded opening 24 is so located in the portion 18 that it will register with an opening 25 through the base 15 for the reception of a screw 26 having a head 27 which engages threads in the opening 24 so as to draw the cup inwardly that its flange 17 may snugly engage the opening 12 and also to secure the base in contact with the projection 14. In this manner the base and cup may be easily and quickly secured in place without the need of soldering and thus much less skilled operators may be used.

We claim:

1. In a device of the class described a casing closed at one end and open at its other end, a relatively deep cup opening upwardly in said casing with a flange engaging the edge of said opening, a base beneath said casing at a location intermediate the ends thereof upon which said casing rests and a member within said casing to which said cup and base are secured to hold them assembled with said case.

2. In a device of the class described an elongated tubular casing closed at one end, open at the other end, and having a generally horizontal extending flat portion thereon intermediate the ends thereof, a cup in said casing with a flange about the opening of said cup engaging the edge wall about the opening in said casing, a base engaging said flat portion and upon which said casing rests and a member within said casing to which said cup and base are secured to hold said casing, cup and base in assembled relation.

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WILLIAM J. REILLY.

### REFERENCES CITED

The following references are of record in the file of this patent:

#### UNITED STATES PATENTS

Number	Name	Date
52,856	Jeffery	Feb. 27, 1866
180,661	Sidey	Aug. 1, 1876
1,348,676	Willingham	Aug. 3, 1920
1,779,952	Siegel	Oct. 28, 1930
1,895,212	Smith	Jan. 24, 1933
2,077,216	Conner	Apr. 13, 1937
2,349,099	Kircher	May 16, 1944