

Sept. 17, 1935.

J. LASS

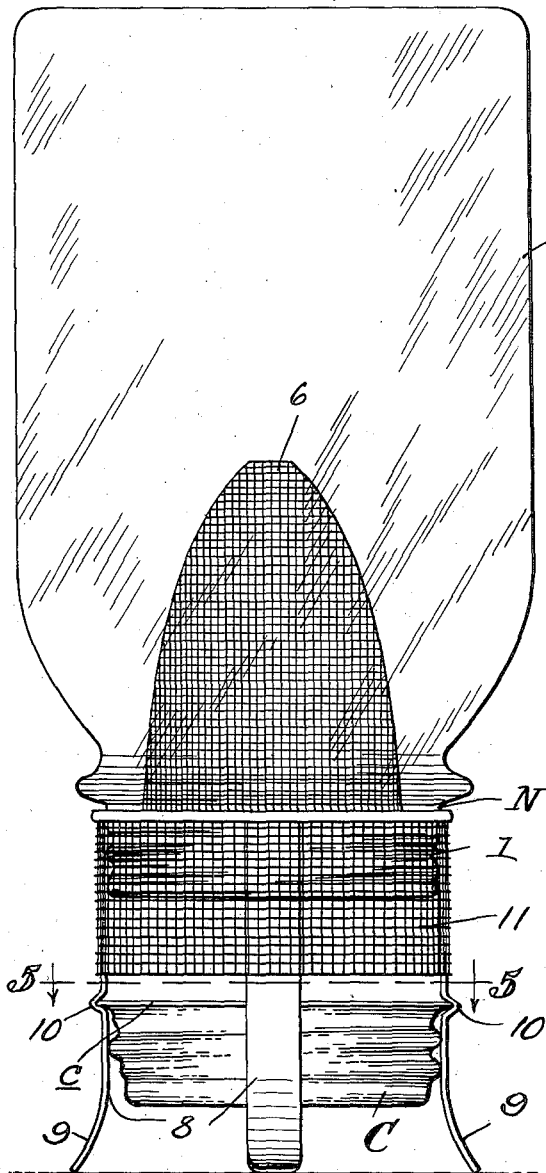
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FLYTRAP

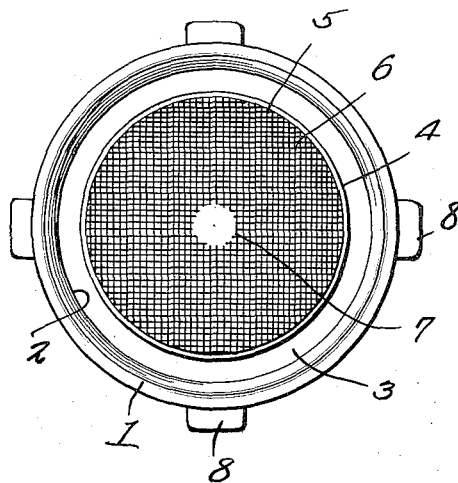
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2 Sheets-Sheet 1

*Fig. 1.*



*Fig. 2.*



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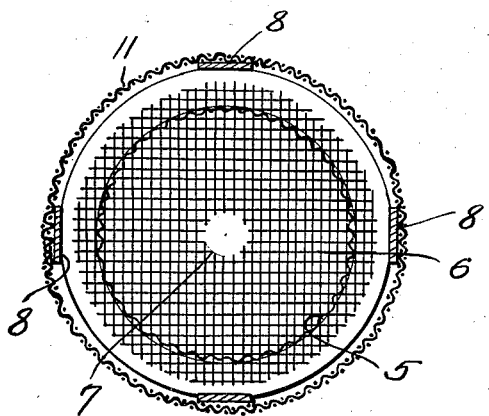
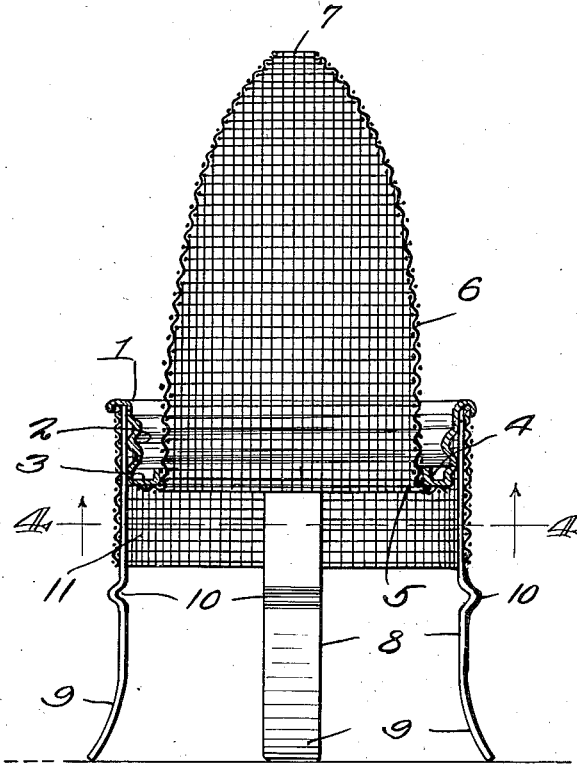
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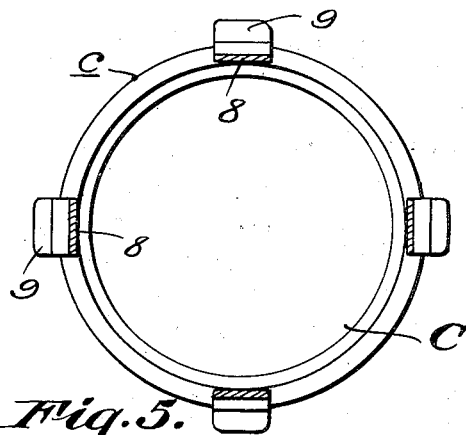
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*Fig. 3.*



*Fig. 4.*



*Fig. 5.*

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# UNITED STATES PATENT OFFICE

2,014,500

FLYTRAP

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Application October 9, 1934, Serial No. 747,587

1 Claim. (Cl. 43—122)

This invention relates to a fly trap, one of the objects being to provide a simple and efficient device which can be sold for use in connection with an ordinary preserving jar.

5 A further object is to provide a device of this character utilizing the screw cap of a preserving jar as a bait pan, it being possible to readily remove this cap from the device and also to remove the jar when it is desired to destroy the contents  
10 of the jar.

A still further object is to provide a fly trap which can be made and sold at a low figure.

15 With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of  
20 parts without departing from the spirit of the invention as claimed.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings

25 Figure 1 is a front elevation of the trap.

Figure 2 is a plan view of the jar removed.

Figure 3 is a central vertical section through the trap, the jar and cap being removed.

Figure 4 is a section on line 4—4, Figure 3.

30 Figure 5 is a section on line 5—5, Figure 1.

Referring to the figures by characters of reference, 1 designates a collar having interior screw threads 2 and extending inwardly from the lower edge of this collar is an annular flange 3 the inner or free edge of which is preferably upturned as shown at 4. This upturned portion is extended around and soldered or otherwise fastened to the lower flared end 5 of a cone 6 in the form of a screen, the apex of the cone being cut away to  
40 leave an outlet opening 7.

Secured to the collar 1 and extending downwardly therefrom are regularly spaced legs 8 formed preferably of sheet metal slightly resilient. The lower ends of the legs diverge as at 9 and at  
45 an intermediate point each leg is formed with an offset providing a notch 10. These notches are all equally distant from the lower ends of the legs.

Surrounding the upper portions of the legs and secured to and supported by the collar 1 is a cy-

lindrical screen 11 the lower edge of which is spaced slightly above the notches 10.

The device thus far described constitutes the trap member per se and is adapted to be sold as such. It is intended that the purchaser use in  
5 connection therewith an ordinary preserving jar of the "Mason" type, the threads 2 in the collar 1 being so proportioned as to readily engage the threads of the jar.

In practice the cap C is removed from the neck 10 N of jar J by the user and the collar 1 is then screwed onto the neck N, so that the cone 6 will thus be supported within the jar. The cap C is then inserted between the legs 8 with its closed face toward the out-turned ends of the legs. The  
15 projecting free edge or flange c of the cap will snap into the notches 10 so that the cap will thus be held assembled with the legs. The entire structure is then placed with the legs lowermost and the jar in an inverted position and the cap C can  
20 thus be used as a pan for holding bait.

By placing suitable bait in the cap the flies will be attracted thereto, passing over the edge c and under the lower edge of screen 11. After leaving the bait the flies will move upwardly upon the  
25 inner surface of the screen 11, enter the cone 6 and then pass through opening 7 into the jar J where they will be trapped.

When it is desired to remove the insects from the jar the cap C is removed from position, scald-  
30 ing water is poured into the jar J through the cone 6 and thereafter the collar 1 is removed and the jar can be emptied readily.

What is claimed is:

As an article of manufacture a trap attach-  
35 ment for application to a fruit jar or the like comprising a collar adapted to be screwed onto the neck of a jar, a screen supported by and within the collar and having an opening, resilient legs secured to and extending from the collar, each  
40 having an intermediate outwardly offset portion forming a notch, a pan insertible between the legs to spread them apart, the margin of the pan being seated in the notches and gripped by the legs, and a screen extending around and secured to the col-  
45 lar and surrounding the upper portions of the legs.

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