No. 790,876. PATENTED MAY 30, 1905.

G. ANDRUS.

INSECT TRAP.

APPLICATION FILED FEB. 6, 1905.

Fig. 1.

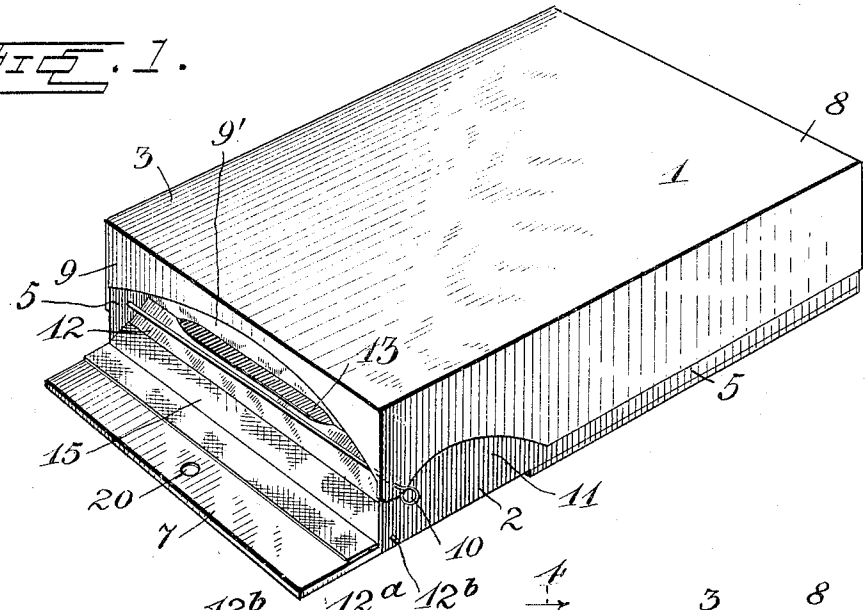


Fig. 3.

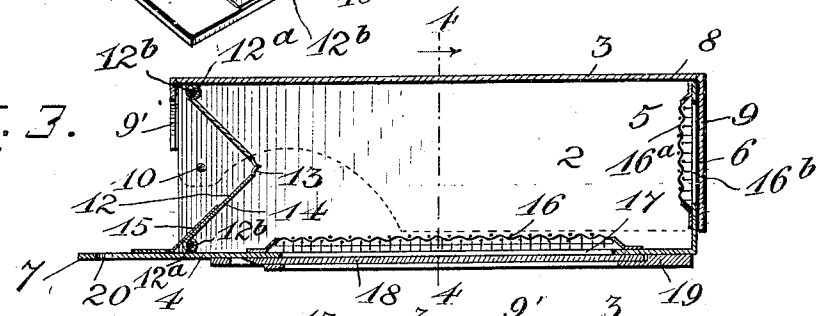


Fig. 2.

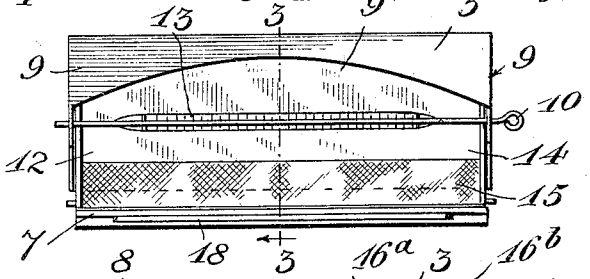
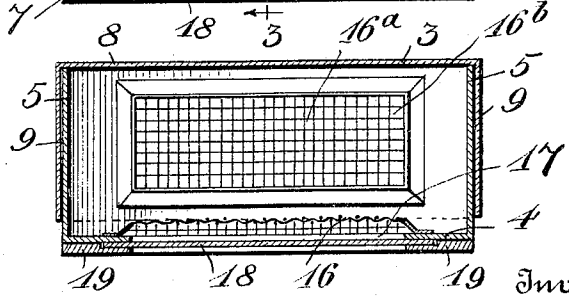


Fig. 4.



Witnesses

C. Neuner

C. N. Griesbauer

Inventor

Geo. Andrus

by H. B. Williamson

Attorney

No. 790,876. Patented May 30, 1905.

UNITED STATES PATENT OFFICE.

GEORGE ANDRUS, OF DONORA, PENNSYLVANIA.

INSECT-TRAP.

SPECIFICATION forming part of Letters Patent No. 790,876, dated May 30, 1905.

Application filed February 6, 1905. Serial No. 244,410.

To all whom it may concern:

Be it known that I, GEORGE ANDRUS, a citizen of the United States, residing at Donora, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Insect-Traps; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in insect-traps; and it consists of certain novel features of construction, combination, and arrangement of parts, hereinafter described and claimed.

The object of my invention is to provide a simple, inexpensive, and efficient device of this character, in which roaches, bedbugs, ants, or the like may be readily caught.

The above and other objects, which will appear as the nature of my invention is better understood, are accomplished by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of an insect-trap constructed in accordance with my invention. Fig. 2 is a front elevation of the same. Fig. 3 is a vertical longitudinal sectional view taken on the line 3 3 in Fig. 2, and Fig. 4 is a vertical transverse sectional view taken on the line 4 4 in Fig. 3.

Referring to the drawings by numeral, 1 denotes my improved insect-trap, which is preferably in the form of a rectangular-shaped receptacle consisting of a body 2 and a cover or lid 3. The body 2 comprises a bottom 4, two side walls 5, and an end wall 6, the opposite end being open and the bottom 4 having an extended portion 7 at said open end. The cover 3 comprises a top 8 and surrounding flanges 9, which are adapted to engage the sides and end of the body. The flange 9 at one end of the cover 3 is cut away or formed with an opening 9′, which is adapted to aline with the open end of the body, as clearly shown in Figs. 1 and 2 of the drawings. The cover 3 is removably secured upon the body by a transversely-extending rod or pin 10, which is removably mounted in alined openings formed in the side walls 5 of the body 2 and the side flanges 9 of the cover 3. This rod 10 also serves as a pivot for the cover, so that the same may be swung off of the body 2 to expose its interior, and to facilitate this movement of the cover its side flanges 9 are cut away, as shown at 11, so that the body 2 may be readily grasped. The body 2 and its cover 3 may be constructed of any desired material; but I preferably employ woven-wire cloth, tin, or other sheet metal, pasteboard, or the like.

Secured between the side walls 5 of the body 2 and closing the alining openings formed in the latter and the end of the cover 3 is an angular closure 12, which is preferably **V**-shaped in cross-section, as shown. This closure 12 is preferably constructed of celluloid, glass, polished metal, or other transparent or opaque material having a smooth or polished surface, and in its angle is an opening 13, through which the insects pass in entering the receptacle. The side portions 14 of this closure or plate 12 form guides to direct the insects to the openings 13, and to facilitate the insects in climbing up the lowermost side portion 14 when the trap is placed upon its bottom 4 I provide upon said portion and the extended portion 7 of the bottom 4 a covering 15, of cloth or the like.

The closure 12 is preferably removably secured in place by bending the upper and lower edges of the same upon themselves to form loops 12^a, through which and through alined apertures in the side walls 5 of the box are inserted rods or pins 12^b, whereby said closure is detachably held in place and may be quickly and easily removed for cleaning or other purposes. The closure is shown and described as being angular or **V**-shaped, but may be otherwise constructed within the scope of the appended claims.

In order to lure the insects into the trap-receptacle, I provide within the same upon its bottom 4 a bait-holder 16. The latter is preferably constructed of woven wire or other reticulate material and is disposed directly above an opening 17, formed in said bottom. This opening is adapted to be closed by a door 18, formed of celluloid or other suitable material and slidably mounted in guides 19 upon

said bottom, as shown. In addition to the bait-holder 16 in the bottom I may, if desirable, also form a bait-holder 16^a in the back end of the box or body of the trap. This latter bait-holder is formed of woven wire and is similar in construction to the holder 16, access being had to the same through an opening 16^b in the rear wall of the box, said opening being covered by the rear flange of the top or cover of the trap, as shown.

The trap may be made of various sizes and shapes to adapt it for use in catching different kinds of insects. It may be used in any desired position, but I preferably either support it in a horizontal position in its bottom 4 or suspend it in a vertical position by hanging it upon a nail or the like which is engaged with an opening 20, formed in the extended portion 7 of the bottom 4. When used for catching bed-bugs, the trap may be pinned or otherwise secured to the bedclothes or to the springs of the bed.

The box or body of the trap is shown in the drawings as being formed of sheet metal having a removable cover. It is obvious that I may make the same of wire-netting and in one piece.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An insect-trap, comprising a body having an opening in one of its walls, a flanged cover pivoted upon said body and having an opening in one of its flanges to aline with the opening in said body, a V-shaped cover-plate closing said alining openings and formed at its angle with an entrance-opening, a bait-holder in said receptacle in alinement with an opening in said receptacle, and a sliding closure in said opening for said holder, substantially as described.

2. An insect-trap comprising a receptacle having an opening in one of its walls, a removable cover-plate for said opening, said plate have an inlet-opening, bait-receptacles arranged on the bottom and rear end walls of said receptacle and over filling-openings formed in said walls, and means whereby said filling-openings are closed, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

GEORGE ANDRUS.

Witnesses:
GEO. W. ALLEN,
J. ADD. SPRAWLS.