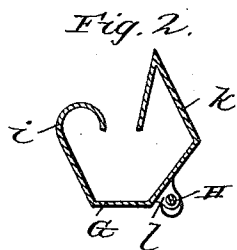
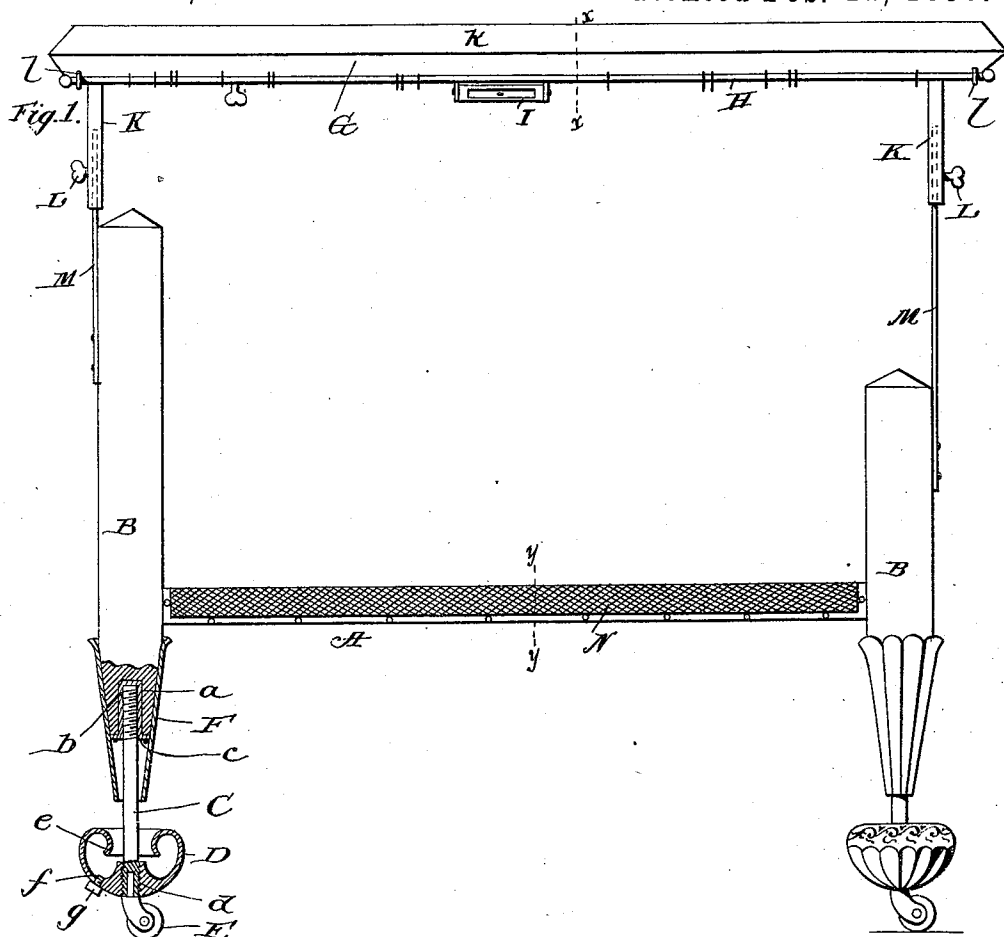


(No Model.)

G. IPSON.  
BUG AND FLEA TRAP.

No. 554,490.

Patented Feb. 11, 1896.



Witnesses:

*C. H. Paeder*  
*R. H. Matthews.*

*George Ipsen*  
BY *James J. Mahy*  
Attorney

# UNITED STATES PATENT OFFICE.

GEORGE IPSON, OF HUNTINGTON, UTAH.

## BUG AND FLEA TRAP.

SPECIFICATION forming part of Letters Patent No. 554,490, dated February 11, 1896.

Application filed August 2, 1894. Serial No. 519,291. (No model.)

### *To all whom it may concern:*

Be it known that I, GEORGE IPSON, a citizen of the United States, residing at Huntington, in the county of Emery and Territory of Utah, have invented certain new and useful Improvements in Bug and Flea 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.

This invention has relation to an attachment for beds, designed for catching or trapping bugs, fleas, and the like; and the novelty will be fully understood from the following description and claim when taken in connection with the accompanying drawings, in which—

Figure 1 is a side view of an ordinary bed with my improvements applied and with one of the legs and attachment in section. Fig. 2 is a sectional view taken in the plane indicated by the dotted line *x x* of Fig. 1.

Referring by letter to said drawings, A indicates a bed-frame, which may be of any ordinary or approved construction, and B indicates the legs or posts thereof. These legs are provided at their lower ends with a vertical recess *a*, and in these recesses are placed internally-threaded sockets *b*, which have flanges *c* provided with holes for the reception of screws or other fastening devices.

C indicates a metallic tube. This tube is externally threaded for a sufficient distance in its length at opposite ends, as shown, and has one of its threaded ends turned into the threaded socket *b*.

D indicates a cup or holder. This cup is of a form substantially as shown, having a screw-tapped hole *d* through its bottom, and its upper edge is turned inwardly within the body so as to form a flange *e*. This cup or holder is also provided with an aperture *f* for removing the contents, and a plug *g* for closing said aperture. This cup or holder is screwed upon the opposite or lower threaded end of the tube C.

E indicates a caster. This caster may be of the ordinary construction and its stem is let into the hollow of the tube C, and consequently through the threaded aperture of the cup or holder D.

F indicates a guard. This guard may be made of glass or other suitable material, and is ribbed vertically and of approximately funnel shape. Said guard is arranged upon the leg of the bed at a suitable distance above the cup containing liquid, which should be of a poisonous character, and is so secured to the leg and extends beneath the same that the outer side of said shield will present an inclined or tapering surface, so that a flea or the like attempting to jump on the leg or crawl up the same would be cast off and precipitated into the cup or holder beneath. These shields or guards may be made ornamental, and by reason of the well-turned flange on the upper edge of the cups or holders the liquid will be prevented from splashing or coming out while the furniture is being moved, or in fact will be prevented from spilling under any conditions.

Arranged above the bed and disposed on the four sides thereof is a trough or holder G, which may be also made of sheet metal or other suitable material. This trough or holder is of a form in cross-section, as shown in Fig. 2 of the drawings, having one large longitudinal edge *i* rolled inwardly and the other longitudinal edge *k* carried up and turned inwardly in an angular manner. Secured to the outer side of this trough by means of loops *l* or other suitable devices is a rod H, which may carry rings for the attachment of a mosquito bar or net, and these rods are provided with a spirit-level I, so that the trough may be kept truly level and the liquid therein prevented from spilling. The rods are furthermore provided at opposite ends with depending tubular branches K, carrying set-screws L, which are designed to secure the trough adjustably upon the upper ends of the rods M, which are in turn secured to the posts of the bed-frame, as shown.

My improvements may be manufactured at a small expense, and as well as being effective for the purposes designed they may be made highly ornamental, so as to enhance the beauty of such an article to which they may be attached.

Having described my invention, what I claim is—

The combination of a bed-frame, the rods

M, secured to the posts of the bed-frame, the  
trough G disposed above the four sides of the  
bed, adapted to contain a poisonous liquid and  
having means for discharging the same and  
5 also having the two inwardly-directed flanges  
depending into the trough, the rod H, con-  
nected to the trough and having the depend-  
ing branches at its ends and set-screws ad-

justably connecting said branches and the  
rods M, all substantially as specified. 10

In testimony whereof I affix my signature  
in presence of two witnesses.

GEORGE IPSON.

Witnesses:

GEORGE GULL,  
WM. HOWARD.