(No Model.)

J. G. ROTH.

INSECT TRAP.

No. 449,138. Patented Mar. 31, 1891.

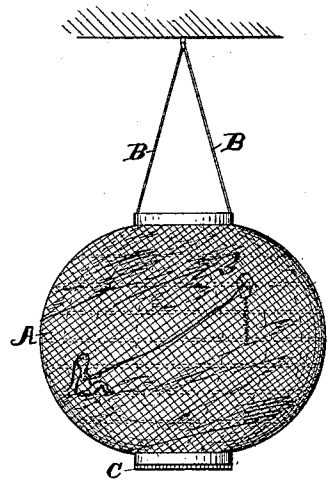


Fig. 1.

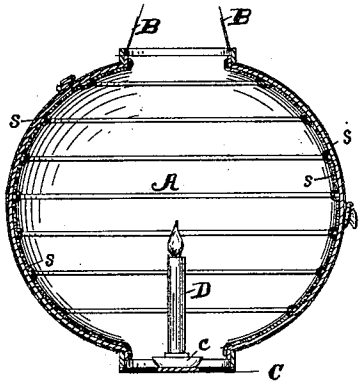


Fig. 2.

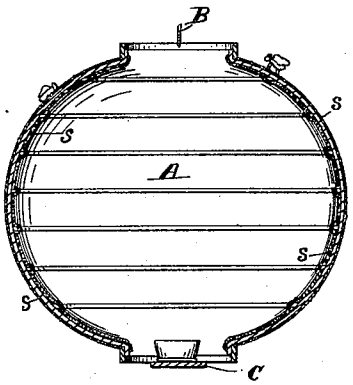


Fig. 3.

WITNESSES

Percy L. Brooks.

A. E. Dowell

INVENTOR

J. G. Roth. by

W. Alexander

Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN GEORGE ROTH, OF SOUTH BEND, INDIANA.

INSECT-TRAP.

SPECIFICATION forming part of Letters Patent No. 449,138, dated March 31, 1891.

Application filed June 23, 1890. Serial No. 356,455. (No model.)

To all whom it may concern:

Be it known that I, JOHN GEORGE ROTH, of South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Insect-Traps; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification, in which—

Figure 1 illustrates my improved hanging fly-trap in position for use. Figs. 2 and 3 are sectional views through the trap.

This invention is an improvement in insect destroying and catching devices; and its object is to provide a device which will attract and catch flies, moths, and other insects, can be suspended near the ceiling, and will not be objectionable looking nor repulsive, and may be made ornamental and attractive without detracting from its effectiveness as a trap.

To this end the invention consists in a hollow vessel or globe of paper coated both externally and internally with an adhesive sticky substance, such as is used on ordinary fly-paper, as will be more fully described and claimed.

Reference being had to the accompanying drawings, A designates a paper vessel or lantern of any desired form and open at bottom and top, its top and bottom edges being stiffened by wire or wooden rims or by doubling the material of which the lantern is formed. It is preferably made of paper as being cheapest. The inner surface of this lantern is coated with a sticky adhesive non-hardening coating *s*, such as is used on ordinary fly-paper, and I preferably coat the exterior surface also to increase the effectiveness and capacity of the trap.

The lantern is suspended at top by cords B from the ceiling of the room or other desired point.

Across the bottom of the lantern is secured a narrow strip C, which is provided with a candle-rest *c*, in which a candle D may be placed.

Insects, especially flies, collect at night on the ceiling and objects suspended therefrom, and they will slip or crawl down cord B into the lantern and be snared on the coating *s* and perish, and any insects alighting on the exterior surface will be similarly trapped.

At night the candle can be lighted and the flies, moths, and other insects will be attracted thereto and ensnared. In the day-time the candle might be replaced by a small cup, as shown in Fig. 3, containing sirup tempting to the insects, and they, crawling or flying in through the open bottom and top, will be so careless as to light on the inner face of the lantern and be trapped.

The lanterns being suspended are not repulsive, as the ordinary fly-papers, and are out of the way and just where the insects most resort, and they can be ornamented by printing in colors and made in fantastic or artistic shapes, as may please the manufacturer and purchaser.

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

1. A fly-trap consisting of a paper lantern open at top and bottom and coated externally and internally with a sticky adhesive substance, and the suspending-cords, substantially as specified.

2. The herein-described fly-trap, consisting of a paper lantern open at top and bottom and coated with a sticky adhesive substance, and suspending cords, and the transverse bottom strip C, all substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN GEORGE ROTH.

Witnesses:
JAMES DUSHANE,
WILL G. FROBILL.