

(No Model.)

G. LAUBE.
GOPHER EXTERMINATOR.

No. 514,855.

Patented Feb. 13, 1894.

Fig. 1.

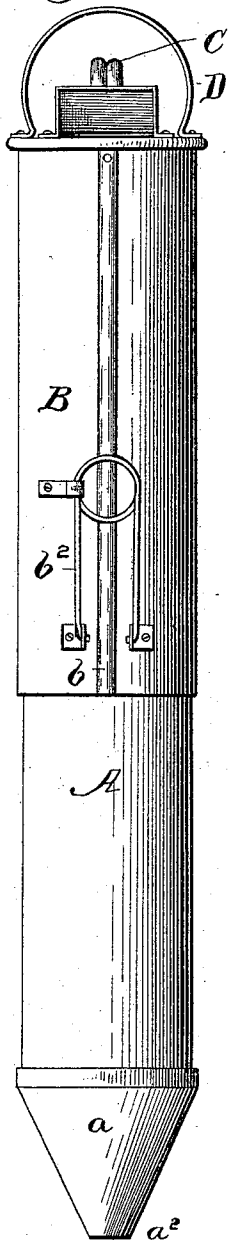


Fig. 2.

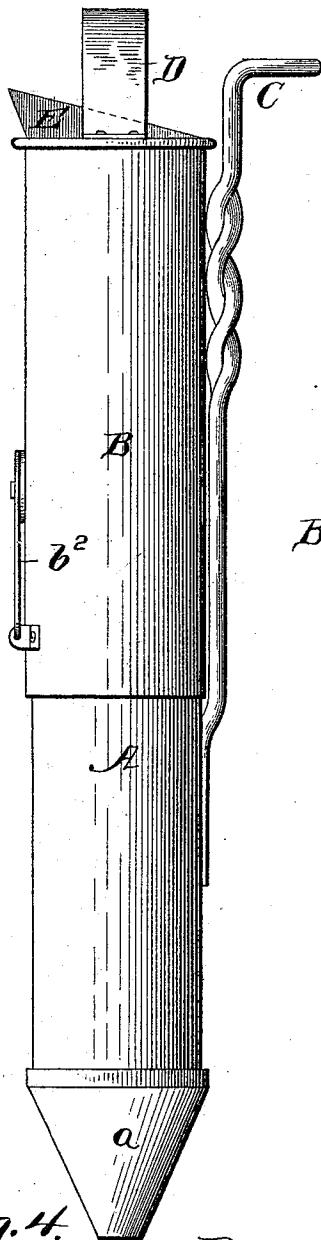


Fig. 3.

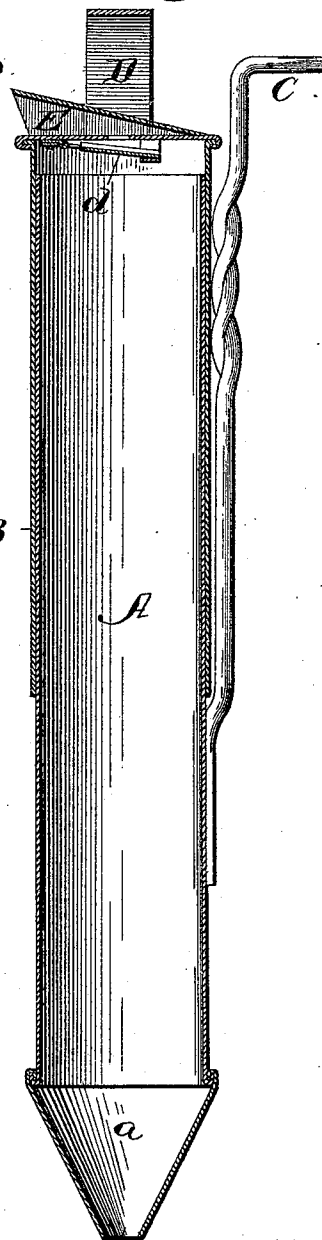
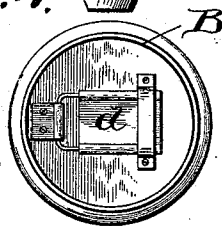


Fig. 4.



Witnesses:

J. B. McGirr.
W. McCarthy

a² Inventor,

Godfried Laube
By Ewert & Appelman
attys.

UNITED STATES PATENT OFFICE.

GODFRIED LAUBE, OF HURON, SOUTH DAKOTA, ASSIGNOR OF ONE-HALF TO
JOSEPH HYMAN, OF CHICAGO, ILLINOIS.

GOPHER-EXTERMINATOR.

SPECIFICATION forming part of Letters Patent No. 514,855, dated February 13, 1894.

Application filed July 1, 1893. Serial No. 479,378. (No model.)

To all whom it may concern:

Be it known that I, GODFRIED LAUBE, a citizen of the United States of America, residing at Huron, in the county of Beadle and State of South Dakota, have invented certain new and useful Improvements in Gopher-Exterminators, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to improvements in exterminators of gophers and other small burrowing animals.

The object of my invention is to produce a device whereby the smoke or fumes produced by burning sulphur or other matter may be forced into the burrows or holes which shelter the vermin or it can be used with equal advantage in circulating the fumes among plants to destroy insects, &c. In accomplishing the foregoing results I have provided the mechanism to be hereinafter fully described and specifically pointed out in the claims.

In describing the invention in detail, reference is had to the accompanying drawings forming a part of this specification, wherein similar reference letters indicate corresponding parts in the several views, in which—

Figure 1:—is a view in front elevation of my device. Fig. 2:—is a view in side elevation. Fig. 3:—is a vertical sectional view of the same, and Fig. 4:—is a detail view of the valve mechanism.

In the drawings,—A, indicates the inner cylinder made of sheet, galvanized iron or other suitable material open at the top and having a conical end *a*, provided with an outlet *a*². This cylinder is designed to retain inflammable material and the fume producing matter; furthermore, it is telescoped by an outer cylinder B, having a longitudinally expandible joint *b*, held by means of a spring *b*², suitably secured with one arm on either side of said joint that the cylinder may be retained in its normal position and furthermore, adapt itself to inner cylinders of different diameters, effecting close connection thereby, guarding against escapement of the

fumigated smoke except at the lower opening of the inner cylinder. The handle C, is attached to the inner cylinder to enable the operator to securely retain the exterminator in position while the upper cylinder is being worked by means of the handle D, attached thereto as shown. The top of the outer cylinder is further provided with a valve *d*, of usual construction over which is secured a shield E, to prevent the fire or sparks from affecting the hand of the operator. It will be readily seen that when the cylinder B, is raised the valve *d*, will admit air and that upon a downward movement thereof, said valve will close, thereby forcing the accumulated air and smoke through the opening *a*², in the desired direction.

It will be noticed that various changes may be made in the detail construction without departing from the general idea involved.

I am aware that devices of this class have been patented showing an inner and outer cylinder. I do not therefore claim broadly such construction.

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

1. In a vermin exterminator, the combination of an inner cylinder having a reduced lower portion, the outer cylinder having longitudinally expandible joints and a securing spring, the valve at the top of the outer cylinder and the shield or guard, substantially as described.

2. In a vermin exterminator, the combination of an inner cylinder as specified, an outer cylinder having longitudinally expandible joints and being provided with a valve, a shield over said valve and the handles secured to the inner and outer cylinders, for the purpose set forth.

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

GODFRIED LAUBE.

Witnesses:

HATTIE ROSE LAUBE,
ANNIE T. LAUBE.