(No Model.)

T. MANAHAN.

PAD FOR EXTERMINATING INSECTS.

No. 276,844. Patented May 1, 1883.

Fig. 1.

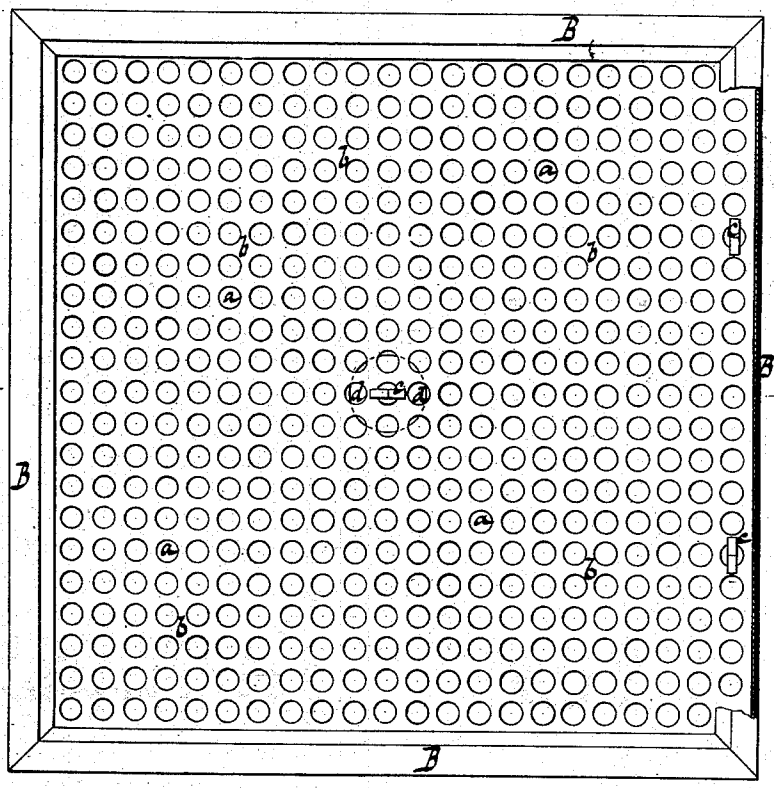
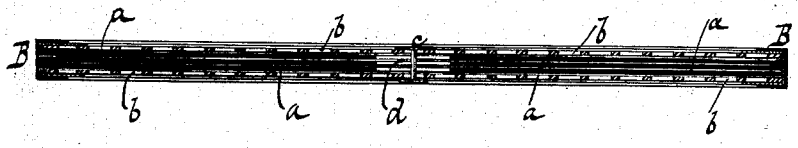


Fig. 2.



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PAD FOR EXTERMINATING INSECTS.

SPECIFICATION forming part of Letters Patent No. 276,844, dated May 1, 1883.

Application filed February 24, 1883. (No model.)

To all whom it may concern:

Be it known that I, THOMAS MANAHAN, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Pads for Exterminating Insects, of which the following is a specification.

This invention relates to a pad composed of a number of layers of tar-paper, and intended particularly for the exermination of moths and other insects, but which can also be used advantageously for disinfecting purposes. The peculiar and novel construction of this pad is pointed out in the following specification and illustrated in the accompanying drawings, in which—

Figure 1 represents a plan or top view. Fig. 2 is a transverse section.

Similar letters indicate corresponding parts.

In the drawings, the letters *a a a* designate a series of sheets of tar-paper, which, after having been cut to the required size and shape, are placed one on the top of the other and secured together by a suitable frame, B. In the example shown in the drawings this frame is made of paper or pasteboard; but it may be made of any other material suitable for the purpose. With the sheets *a a a* are combined screens *b b*, which are placed against the outside sheets of the pile and fastened together with the sheets *a a a* by the frame B and by additional fastenings *c*. Said screens are made of paper, pasteboard, sheet metal, or other suitable material, and they are perforated with a large number of holes, so that the odor emitted by the sheets *a a a* can freely escape, while the screens protect clothes or other articles from coming in direct contact with the tar-paper. Each of the sheets *a a a* is provided with one or more large openings, *d*, so that when the sheets have been placed upon each other a circulation of air can take place through the pile, and the odor from the interior sheets is free to escape.

In the example represented in the drawings I have shown only one central opening, *d*, in each sheet, and for many purposes this is sufficient; but in some cases it may be desirable to provide each sheet with two or more openings, *d*.

The fastenings *c*, which serve to secure the screens *b b* together with the sheets *a a a*, may be ordinary T-fastenings, such as are commonly used for fastening together a number of sheets of paper; but any other suitable fastenings may be used in place of said T-fastenings.

My pad can be made of any convenient size and shape, and it is intended to be used in trunks containing clothes, fur, or other articles of wear, also in closets or rooms used for storing such materials as are commonly subjected to the attacks of moths or other insects.

What I claim as new, and desire to secure by Letters Patent, is—

1. A pad for exterminating insects, composed of a series of sheets, *a a a*, of tar-paper, screens *b b*, and a suitable frame for securing together the sheets and the screens.

2. A pad for exterminating insects, composed of a series of sheets, *a a a*, of tar-paper, screens *b b*, a suitable frame for securing together the sheets and the screens, and one or more openings in the body of each of the sheets *a a a*.

3. A pad for exterminating insects, composed of a series of sheets, *a a a*, of tar-paper, screens *b b*, a suitable frame for securing together the sheets and the screens, and fastenings *c*.

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

THOMAS MANAHAN. [L. S.]

Witnesses:

W. HAUFF,

CHAS. WAHLERS.