C. L. ARMSTRONG VERMIN REPELLENT Filed May 11, 1928

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# UNITED STATES PATENT OFFICE

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#### VERMIN REPELLENT

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improvements in a vermin repellent.

One object of the invention is to provide a device of the character described having 5 properties which are repellent to moths and

- similar vermin, and having a form which permits its use in a greater variety of ways and more conveniently, than the ordinary moth balls, now commonly used.
- Another object of the invention is to pro-10 vide a device of the character described embodying a flat sheet of absorbent material, completely coated with and enclosed by an enveloping coat containing a substance which 15 is repellent to moths and similar vermin.
- With the above and other objects in view this invention has particular relation to certain novel features of construction and use and arrangement of parts an example of 20 which is given in this specification and illus-
- trated in the accompanying drawings, wherein

Figure 1 shows a side elevation of the device, and

25 Figure 2 shows a cross sectional view taken on the line 2-2 of Figure 1.

Referring now more particularly to the drawings, wherein like numerals of reference designate similar parts in each of the figures,

30 the numeral 1 designates a flat sheet of absorbent material such as paper, card board, composition material or other suitable material.

This sheet 1 is coated with a composition 35 consisting of naphthalene, paraffin and oil of cedar, combined in the proportions, and in the manner hereinafter stated. These ingredients of the coating are combined in substantially the proportions of two pounds naph-

40 thalene, three-eighths of a pound paraffin and two teaspoonsfuls of oil of cedar, but the oil of cedar may be omitted, if desired.

The paraffin is first melted and the naphthalene is then dissolved therein and the oil 45 of cedar, if used, then added. The oil of cedar has certain disinfectant properties and also gives a pleasing odor to the article when in use. The paraffin gives body to the composition and retards evaporation.

50 The sheet 1 is then submerged in the melted

This invention relates to new and useful mixture and then withdrawn and a coating of the mixture will adhere to and completely cover the sheet 1 and a portion of the mixture will be absorbed into said sheet.

The article may then be used to extermi- 55 nate and repel moths and other similar vermin in the place of moth balls, now commonly used.

The sheets may be easily inserted in the pockets or between the folds of garments, or 60 may be easily placed between the folds of fabric material in storing the same, or may be hung in closets between clothing hung therein, or may be disposed wherever needed. For hanging the articles, hooks, as 2, 2 have 65 been provided at one edge of the sheet. The coated sheet may be enclosed in an en-

velope 3, having perforations 4, and formed of thin paper, or other thin material. This envelope will protect the article as well as the 70 clothing or other fabrics in connection with which it is used and will give longer life to the article, by retarding evaporation thereof. What I claim is:-

A device of the character described com- 75 prising a flat sheet of absorbent material containing an evaporative, vermin repelling agent, an envelope of thin, flexible material shaped to receive said sheet snugly and into which said sheet is fitted, the sides of said 80 envelope being perforated substantially throughout their area.

In testimony whereof I have signed my name to this specification.

CHARLES L. ARMSTRONG.

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