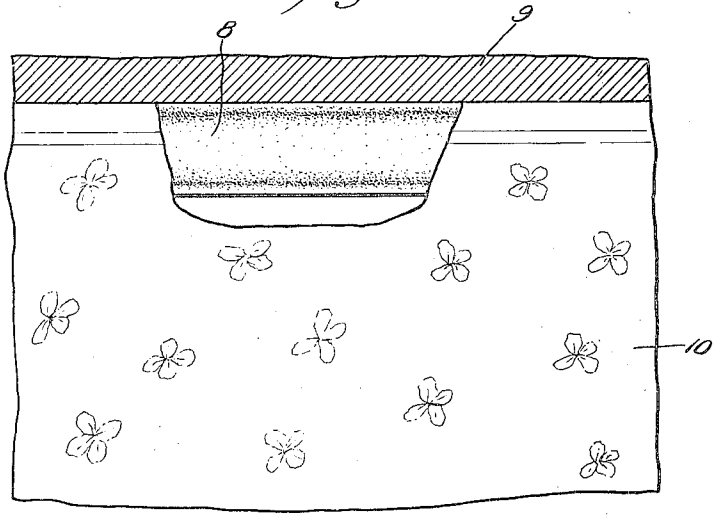
Dec. 18, 1923. 1,478,208

W. J. DUDDLESON ET AL

MOTH DESTROYING AND REPELLING DEVICE

Filed March 19, 1923

Fig. 1.



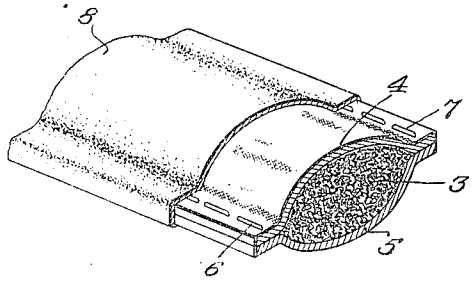


Fig. 2.

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UNITED STATES PATENT OFFICE.

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MOTH DESTROYING AND REPELLING DEVICE.

Application filed March 19, 1923. Serial No. 626,109.

To all whom it may concern:

Be it known that we, WILLIAM J. DUDDLESON and CLINTON L. SLUSHER, citizens of the United States, residing at San Luis Obispo, in the county of San Luis Obispo and State of California, have invented certain new and useful Improvements in Moth Destroying and Repelling Devices; and we do hereby 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.

The present invention relates to improvements in moth destroying and repelling devices and has for an object to provide against the ravages of the carpet moth, known as *Trichophago tapetzella* Linnæus, which is one of the most difficult of the tinead insects to combat because of its peculiar liking for the darkness and because of the further fact that the crevices and cracks between the carpet and the sides of the wall furnish ample space for the laying of eggs and the propagation of these insects.

As a consequence the larvæ work ruinously on rugs and carpets from the edges, where the eggs are comparatively safe from vacuum cleaners and brooms and the larvæ, when hatched begin to work unnoticed, making small tunnels of devastation toward the center of the rug or carpet.

The invention has due regard to the above conditions and takes advantage of the scientific observations made in this regard. As a result the invention consists in providing a device for protecting the edges of the carpet to prevent the larvæ from getting a foothold.

The invention consists in providing a repelling device about the edge of the carpet or rug and particularly where the carpet joins with a wall and the repelling device employed is preferably oil of cedar as this has been found to be peculiarly effective in dealing with this particular moth.

With the foregoing and other objects in view, the invention will be more fully described hereinafter, and will be more particularly pointed out in the claim appended hereto.

In the drawings, wherein like symbols refer to like or corresponding parts throughout the several views,

Figure 1 is a fragmentary plan view of a carpet with a portion broken away and showing a section of a wall, with the improved device illustrated as placed along the edge of the carpet at the wall, and

Figure 2 is a fragmentary perspective view, with parts broken away to show the interior construction of the improved device.

Referring more particularly to the drawings in Figure 2 we have shown the device as comprising a body of saw dust 3 or like material capable of absorbing large quantities of oils of cedar, with which such body is saturated. The saw dust and oils of cedar, thus combined, are contained in a casing of cotton fiber or other suitable material and this casing, in the instance shown consists of a pair of tapes 4 and 5 having their longitudinal edges fitted together and stitched or otherwise secured as indicated at 6 and 7 in order that an effective enclosure may be made for holding the minute particles which compose the body 3. The casing is preferably of a flexible character as it is desired to have it conform to any irregularities or angles in the floor at the base of the wall and it will also better cooperate with the under edge surface of the carpet and permit the carpet to be laid with a neater appearance.

The casing is then immersed in paraffin until it acquires a coating 8 of the paraffin of a suitable thickness to control the rate of volatilization.

Of course the tape may be of any suitable material but cotton fiber is found appropriate for this purpose and the filler or saw dust may likewise be of any desired material, it only being necessary that this filler possess high absorbtive properties. The oils of cedar will volatize only very slowly through the paraffin coating 8 and complete protection is thus provided by the device from a period of six months to one year.

The tape may also be used to line boxes, trunks, drawers, closets, etc., affording complete protection against the clothes-moth and fur-moth.

The device is laid as indicated in Figure 1 at the base of the wall represented at 9 and beneath the edge of the carpet or rug which is designated at 10. A portion of this rug is broken away adjacent the wall to reveal the position of the device therebeneath. It will be seen that, due to the flexible character of the device it may be made to fit snugly against the wall at all points and present no avenue of approach to the insects. Of

course it may be placed wherever required, but by positioning it about the edges of the rug, the entire under surface of the carpet or rug is protected by guarding the approaches to same. The paraffin will only be so thick as to permit a necessary dissipation of the oils of cedar without however allowing this to become so great as to exhaust the usefulness of the device in a short time.

It is obvious that various changes and modifications may be made in the details of construction and design of the above specifically described embodiment of this invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claim:—

What is claimed is:—

A device as described comprising a fabric and flexible casing, a filler within the casing holding large quantities of oils of cedar, and a thin coating about the casing for allowing the vapors from the oils of cedar to pass therethrough but regulating the rate of volatilization.

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