March 1, 1949. M. E. HENRY, SR., ET AL 2,462,966

MOTHPROOF CONTAINER

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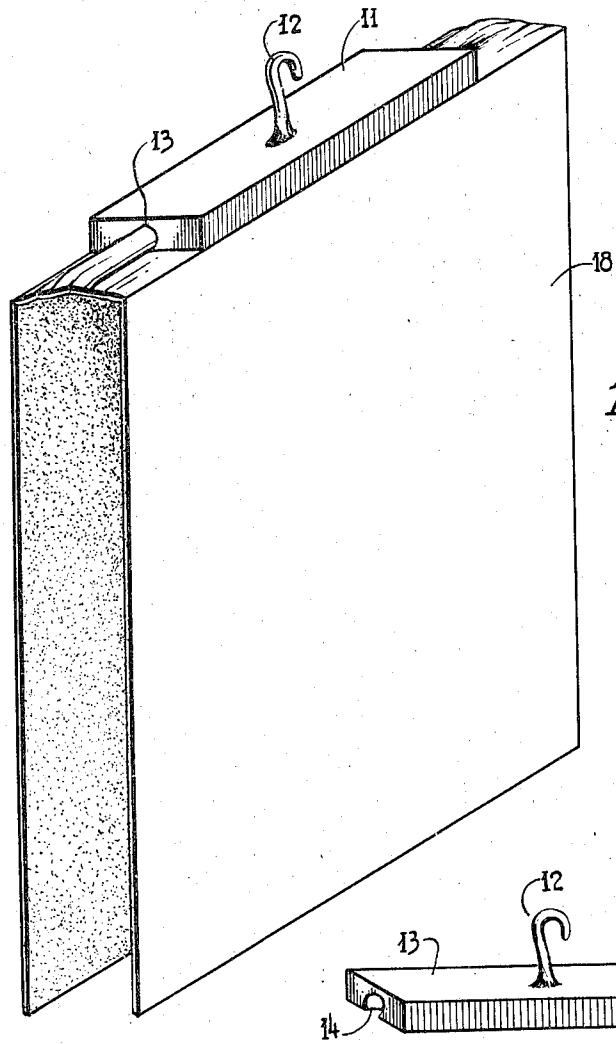

Fig. 1.

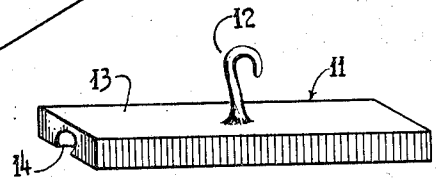

Fig. 2.

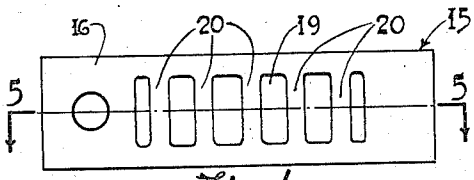

Fig. 4.

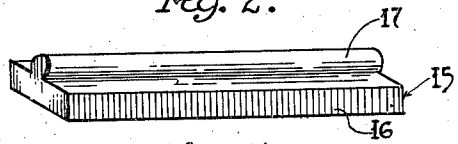

Fig. 3.

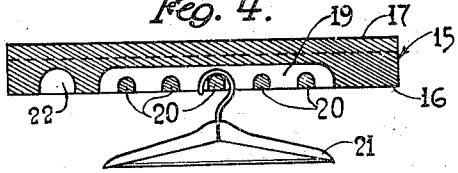

Fig. 5.

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MOTHPROOF CONTAINER

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2 Claims. (Cl. 206—10)

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This invention relates to mothproof containers for garments and the like, and more particularly, to a mothproof container provided with garment suspension means.

A main object of the invention is to provide a novel and improved mothproof container structure adapted to enclose a plurality of garments and provided with suspension means for said garments, and being further adapted to be hermetically sealed to completely exclude dirt, dust, moths and similar undesired insects.

A further object of the invention is to provide an improved mothproof garment container structure comprising a pair of slidably interlocking suspension members adapted to lockingly receive the material forming the container between them so as to eliminate the necessity of puncturing said material in order to secure it to the suspension members.

Further objects and advantages of the invention will appear from the following description and claims and from the accompanying drawings, wherein:

Figure 1 is a perspective view of a garment container structure according to this invention shown prior to sealing the edges of the sheet material forming the container.

Figure 2 is a perspective view of the backing bar employed in the container structure of Figure 1.

Figure 3 is a perspective view of the interlocking bar employed in the container structure of Figure 1.

Figure 4 is a bottom plan view of the interlocking bar shown in Figure 3.

Figure 5 is a cross-sectional view taken on line 5—5 of Figure 4, showing a hanger suspended from the interlocking bar.

Referring to the drawings, 11 designates an upper backing bar comprising a hook element 12 and a body portion 13, said hook element being preferably cast or molded integral with said body portion. The backing bar 11 may be cast or molded of plastic, metal or any other suitable material. Body portion 13 is formed with a longitudinal groove 14 which may be generally circular in cross-sectional shape.

15 designates an interlocking bar comprising a body portion 16 having integrally formed thereon a longitudinal rib 17 of generally circular cross-section which is adapted to slidably interfit with groove 14. Sufficient clearance is provided between rib 17 and groove 14 to allow the reception therebetween of a sheet of covering material 18 which may be draped in an initial position such as is shown in Figure 1.

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The bottom portion of the interlocking bar 15 is formed with a longitudinal recess 19 and extending transversely across said recess are a plurality of suspension bars 20 formed integral with lower bar 16. A conventional hanger 21 is adapted to be suspended from each of bars 20 beneath lower bar 16. Adjacent one end of lower bar 16 a recess 22 is provided in the bottom thereof in which is adapted to be secured a cake of moth-egg or larvae destroying material or other suitable insecticidal material.

Sheet 18 consists of heavy Kraft paper or other suitable flexible sheet material coated on its inner surface with adhesive which is normally inert at temperatures in the neighborhood of room temperature but which may be rendered plastic and sticky by the application of heat, such as by contact with a hot iron.

When garments are to be stored in the container they are mounted on hangers and are suspended from cross bars 20 with the parts of the container arranged as in Figure 1. The edges of sheet 18 are then brought together and are sealed to each other by application of a hot iron along said edges until the container is hermetically sealed. During the period of storage, moth-eggs or larvae inside the container will be destroyed by the insecticidal action of the material placed in recess 22. Since no dirt, dust or moths can enter the sealed container, the garments will be thoroughly protected against damage.

When garments are to be removed from the container, the adhering marginal portions of the container are cut off so that the garments may be taken out. The container may be again used for storage by resealing the remaining edge portions of the sheet 18 with a hot iron as in the initial use. In this manner the container may be used for several successive seasons until the sheet 18 becomes too small for containing the garments to be stored. At this time the remainder of the original sheet 18 may be removed by disengaging upper suspension member 11 and a new sheet employed in place thereof. The old sheet may be employed to make smaller containers as desired.

While a specific embodiment of a garment container structure has been disclosed in the foregoing description, it will be understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore it is intended that no limitations be placed on the invention other than as defined by the scope of the appended claims.

What is claimed is:

1. A mothproof container comprising an interlocking bar provided with a longitudinal rib on its top surface, a sheet of covering material suspendingly supported intermediate its ends upon the longitudinal rib of said interlocking bar, a backing bar provided with a longitudinal groove in its bottom surface superimposed upon said interlocking bar, said backing bar having a hook projecting medially from its upper surface, the longitudinal rib of the interlocking bar and the portion of said sheet supported on said rib being interlockingly embraced by the groove of said backing bar and held together solely by said interlocking action, and heat responsive adhesive coating on the inner surface of said sheet whereby the edges of the latter may be secured by the application of heat along said edges to form a hermetically sealed container.

2. A mothproof container comprising an interlocking bar provided with a longitudinal rib on its top surface, a sheet of covering material suspendingly supported intermediate its ends upon the longitudinal rib of said interlocking bar, a backing bar provided with a longitudinal groove in its bottom surface superimposed upon said interlocking bar, said backing bar having a hook projecting medially from its upper surface, the longitudinal rib of the interlocking bar and the portion of said sheet supported on said rib being

interlockingly embraced by the groove of said backing bar and held together solely by said inter-locking action, heat responsive adhesive coating on the inner surface of said sheet whereby the edges of the latter may be secured by the application of heat along said edges to form a hermetically sealed container, and a plurality of transversely disposed suspension bars arranged in spaced relation longitudinally of said interlocking bar along the bottom surface of the latter bar.

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