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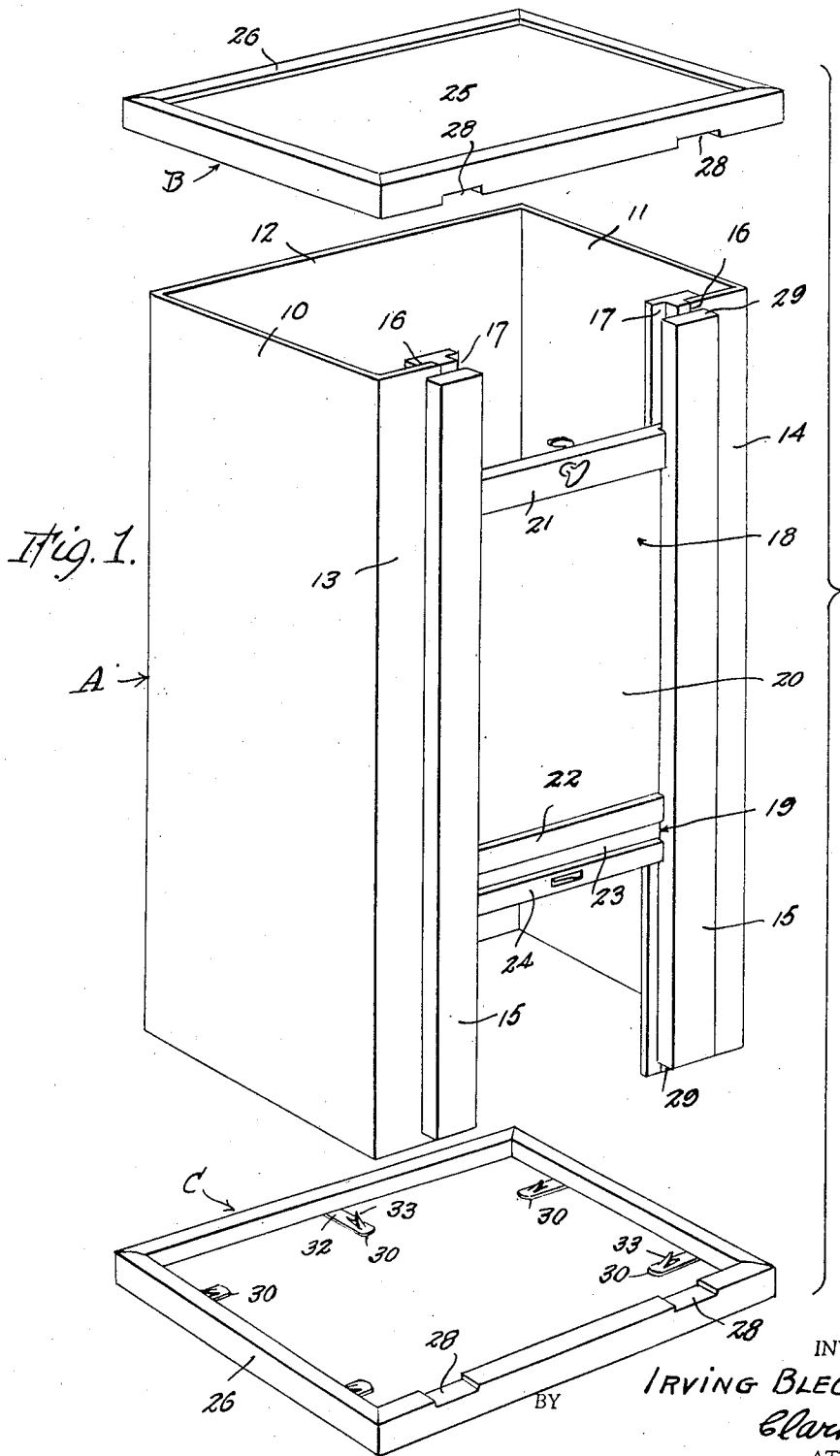
I. BLECHMAN

2,226,112

STORAGE CONTAINER

Filed Aug. 26, 1939

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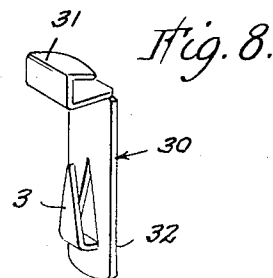
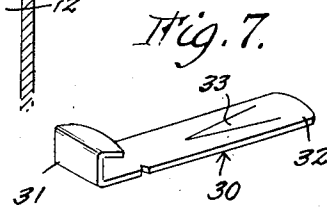
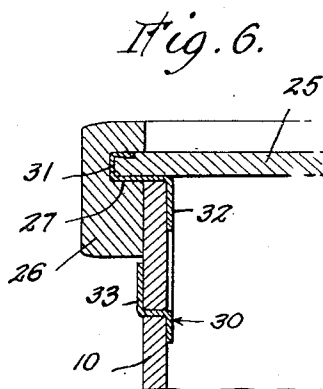
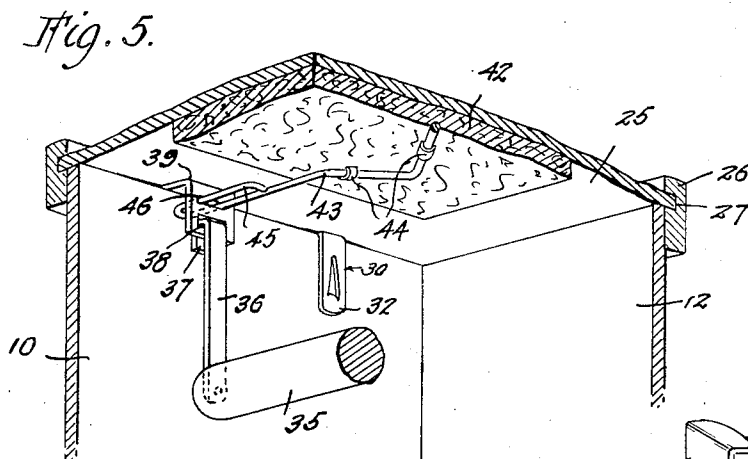
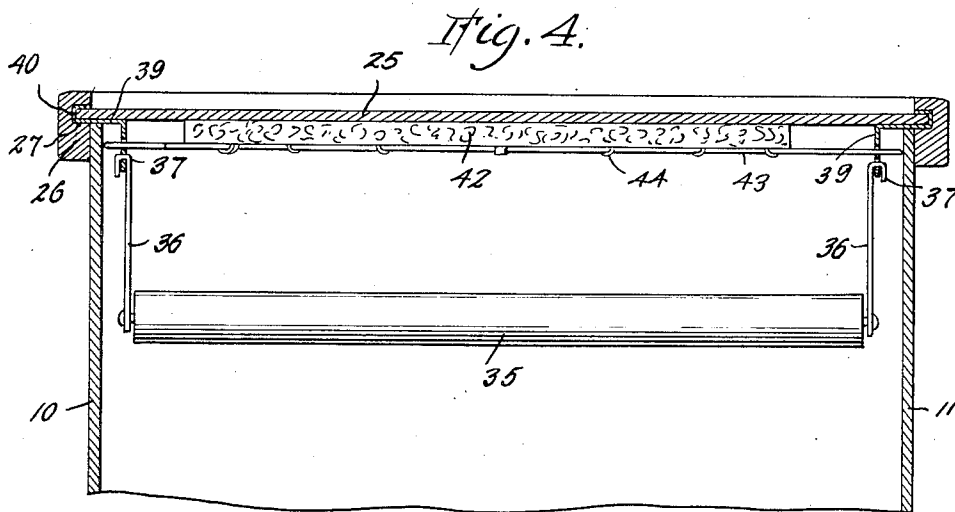
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## UNITED STATES PATENT OFFICE

2,226,112

## STORAGE CONTAINER

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2 Claims. (Cl. 312—31)

This invention relates to containers and has particular reference to an improved container composed of a plurality of interfitting sections which are so constructed and arranged that the same may be readily assembled and secured together so as to provide a strong, durable and serviceable cabinet or chest.

The invention comprehends a container of the character described which is of the knock-down or collapsible type whereby the same may be arranged into flat compact form for storage and shipment and which when assembled into set up relation provides a cabinet or chest for the storage of clothing or other articles.

The invention further comprehends a container including similar end sections and an intermediate body section fashioned from light-weight sheet material to form the walls thereof and with rigid elements formed with longitudinal grooves within which the marginal edges of the end walls and the longitudinal edges of the front wall are arranged and which rigid elements have interfitting engagement when the container is in assembled set-up condition.

The invention also provides a sectional container of the character described in which the rigid elements of the end sections telescopically engage over the free ends of the body section and interfit with the rigid elements thereof which have endwise abutting engagement with the walls of the end sections.

The invention also includes means engaging over the edges of the walls of the end sections and secured within the grooves of the rigid elements thereof for engagement with the walls of the intermediate section for fastening the sections together in assembled set-up condition.

The invention further includes in a container of the character described, bracket means secured within the grooves of the rigid elements of the upper end section for supporting adjacent the end wall thereof a hanger and an absorbent pad adapted to receive insect repellent material.

With the foregoing and other objects in view, reference is now made to the following specification and accompanying drawings in which there is illustrated the preferred embodiment thereof.

In the drawings:

Fig. 1 is a collective perspective view of a container constructed in accordance with the invention and illustrating the sections thereof in separated juxtaposition.

Fig. 2 is an enlarged fragmentary vertical sectional view taken approximately on line 2—2 of Fig. 3.

Fig. 3 is a horizontal sectional view taken approximately on the line 3—3 of Fig. 2.

Fig. 4 is a fragmentary vertical sectional view taken approximately on the line 4—4 of Fig. 3 with the bail shown in side elevation.

Fig. 5 is a fragmentary perspective view of the interior upper portion of the assembled container particularly illustrating the bracket for supporting the garment hanger bail and the absorbent pad and also illustrating one of the fastening elements.

Fig. 6 is an enlarged fragmentary vertical sectional view through one of the fastening elements in applied position taken approximately on the line 6—6 of Fig. 3.

Fig. 7 is an enlarged perspective view of one of the fastening elements before the free end portion and spur are bent for coupling the body and end sections together.

Fig. 8 is a similar view illustrating the same after being bent to couple the body and end sections together.

Referring to the drawings by characters of reference, the container is illustrated with its length disposed upright so as to provide a cabinet or closet for suspending garments therein, but the same may be disposed with its length in a horizontal position so as to form a chest for packing or storing articles therein.

As illustrated, the container includes an intermediate section A, an upper end section B and a lower end section C. The intermediate section A is preferably fashioned from a single length of light-weight corrugated cardboard, paperboard or other light-weight stock to form the side walls 10 and 11, a rear wall 12 and oppositely disposed inwardly directed front wall portions 13 and 14. The said section further includes oppositely disposed longitudinally extending rigid elements 15 having their opposite outer and inner side faces provided with longitudinally extending grooves 16 and 17, the grooves 16 snugly receiving the free longitudinal edges of the inwardly directed front wall portions 13 and 14 for securing the rigid elements 15 thereto.

A pair of upper and lower overlapping door sections 18 and 19 have their opposite longitudinal edges disposed in the longitudinally extending grooves 17 for vertical sliding movement therein. The upper door section 18 preferably includes a light-weight panel 20 and rigid cross bars 21 and 22 secured to the opposite ends thereof and which cross bars are rabbeted at their opposite ends to slidably engage within the grooves 17. The lower door section 19 is also

preferably formed of a light-weight panel 23 and a rigid cross bar 24 secured to its lower edge and which cross bar is similarly rabbeted at its opposite ends for longitudinal sliding movement within the grooves 17.

The end sections B and C each includes a rectangular panel 25 of similar light-weight stock which panel is surrounded by a rigid element, such as a marginal frame 26 having its inner face provided with a marginal groove 27 which groove engages over the edges of the panel 25. The said frames have their inner edges provided with notches 28, while the rigid members 15 of the intermediate section A have their opposite ends recessed as at 29. The said frames form inwardly directed marginal flanges which telescopically fit over the opposite ends of the walls of the intermediate section A with the notches 28 of the frames 26 interfitting with the recessed ends of the rigid elements 15 for securing the rigid elements 15 in parallel laterally spaced relation to provide a door opening therebetween. The rigid elements 15 extend the full length of the intermediate section A and have endwise abutting engagement with the panels 25 of the end sections B and C.

Improved fastening elements 30 are provided for securing the sections of the container together which eliminate the necessity of employing rivets or other fastening means. The fastening elements 30 are formed of thin sheet metal stock and each includes a hooked end 31 and an opposite free end 32 which is cut to form a pointed anchoring spur 33. One or more of the fastening elements 30 are provided for each of the side and rear walls at the opposite ends thereof and have their hooked ends 31 located within the grooves 27 of the end frames 26 and which are secured therein by engagement over the edges of the panels 25 with the free inner ends 32 projecting inwardly from the frames and disposed against the inner surfaces of the panels 25 when the container is in knock-down condition. The anchoring spurs 33 are adapted to be offset laterally and to pierce and extend through the walls of the intermediate section and to be clinched against the outer surfaces thereof as illustrated in Figs. 2 and 6 of the drawings.

In fastening the sections together, the anchoring spurs 33 are bent inwardly substantially at right angles to the plane of the panels 25, the free ends 32 are then bent outwardly against the walls of the body section to cause the pointed end of the spurs to pierce the side walls thereof with the terminal of the spurs projecting therethrough which are then clinched over the outer faces of the said walls.

When the container is used as a cabinet or closet, a bail 35 is provided for suspending gar-

ment hangers thereon. The bail 35 is provided with side arms 36 having hooked upper ends 37 which engage in slots 38 of a pair of angle brackets 39, the upper terminals of which are each provided with a hooked end 40 located within the groove 27 of the upper frame 26 and embracing the edge of the panel 25.

An absorbent pad 42 for receiving a volatile insect repellent material is also provided which is supported against the undersurface of the panel 25 of the upper end section B by means of a longitudinally extending wire 43, the medial portion of which is undulated to form oppositely offset leads underlying the pad and secured thereto by clips 44 for supporting the pad in flat contact with the panel. The protruding opposite ends of the wire 43 are reversely bent to provide elongated eyes 45 which frictionally engage in slots 46 formed in the depending legs of the brackets 39 for securing the pad in associated relation with the upper end section.

What is claimed is:

1. A container including opposite end sections each comprising a panel and a grooved marginal frame surrounding and engaging over the edges of the panel, an intermediate body section including side and rear walls and a forward wall having oppositely disposed longitudinally grooved frame members engaging over the longitudinal edges of the body section to provide a door opening therebetween, said marginal frames telescopically engaging over the opposite ends of the body section and having notched inner edges, and said longitudinally grooved frame members having their opposite ends recessed for interfitting engagement with the notched inner edges of the marginal frames, and elements secured within the grooves of said marginal frames having anchoring spurs extending through the walls of the body section and with the terminals thereof impinging against the outer faces of the walls for fastening the sections together.

2. A container including opposite end sections and an intermediate body section, said end sections each comprising a rectangular panel and a grooved marginal frame surrounding and engaging over the edges of the panel and telescopically fitted over an end of the body section, an absorbent pad for receiving volatile insect repellent material, angle brackets having hooked ends located within the groove of the frame of the upper section and secured therein by the marginal edges of the panel thereof and having depending apertured terminals, and a transversely extending member secured to the underside of the pad having its ends located within the apertures of said bracket for securing the pad in association with the end section.

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