July 15, 1941. I. BLECHMAN 2,249,344

STORAGE RECEPTACLE

Filed March 19, 1940 2 Sheets-Sheet 1

Fig. 1.

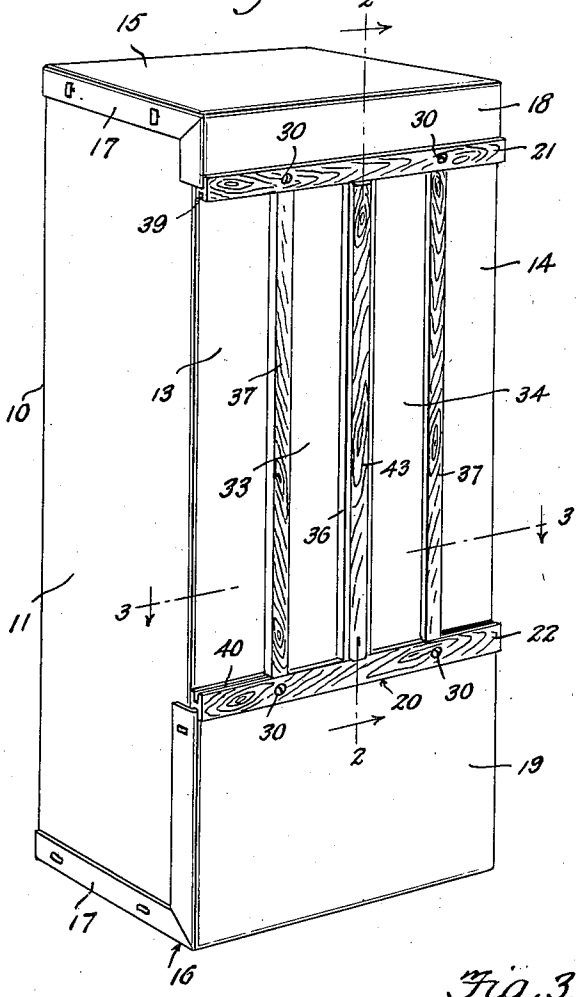


Fig. 2.

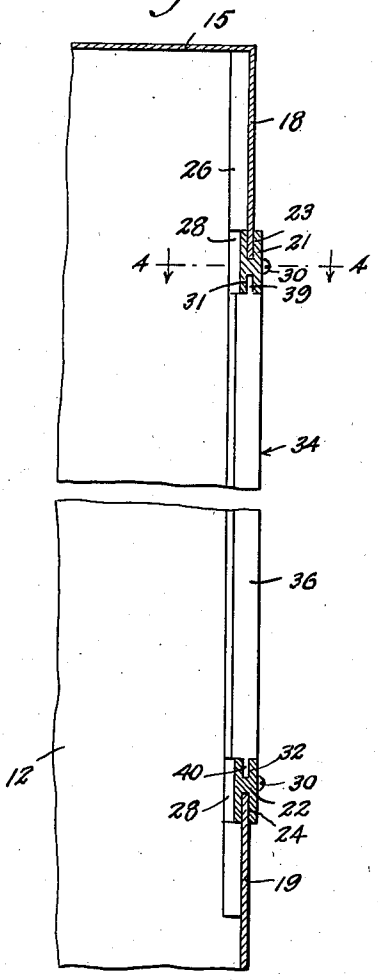


Fig. 3.

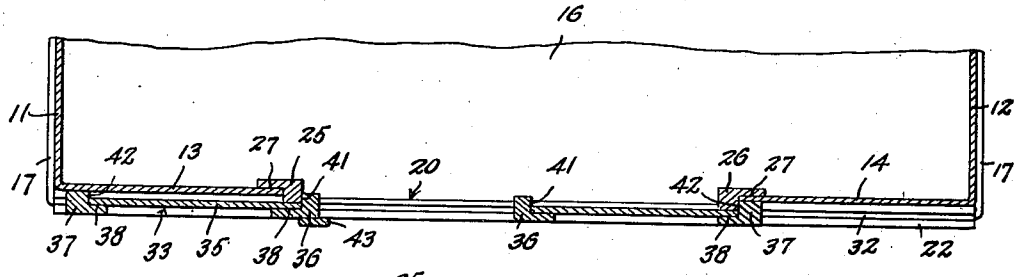
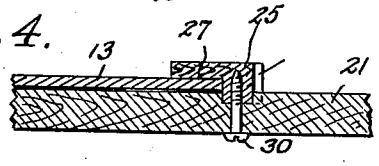


Fig. 4.



INVENTOR.

BY IRVING BLECHMAN

Clarke & Ott

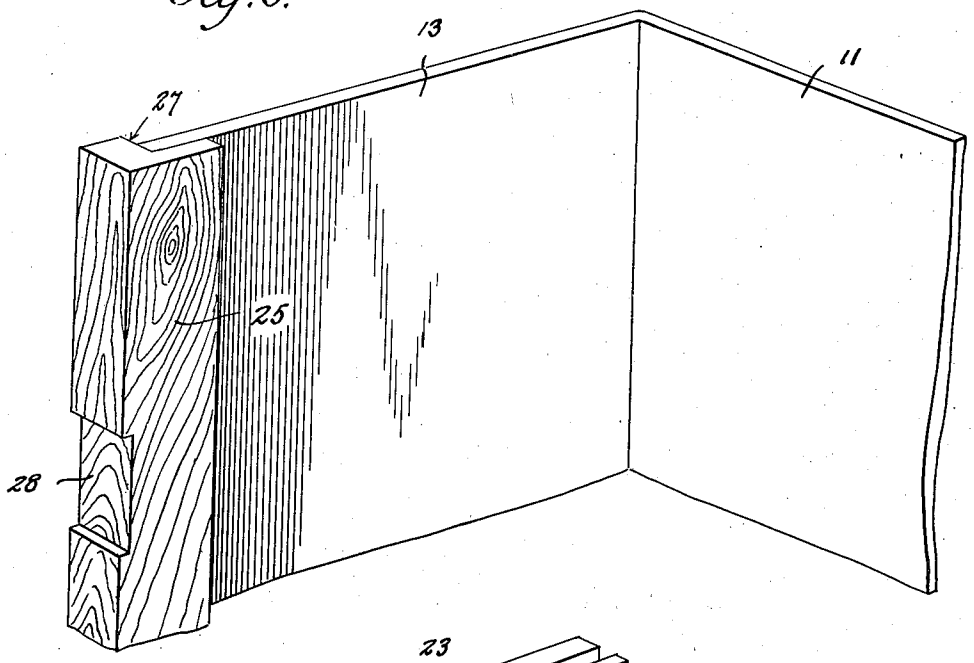
ATTORNEYS

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STORAGE RECEPTACLE

Filed March 19, 1940 2 Sheets-Sheet 2

Fig. 5.



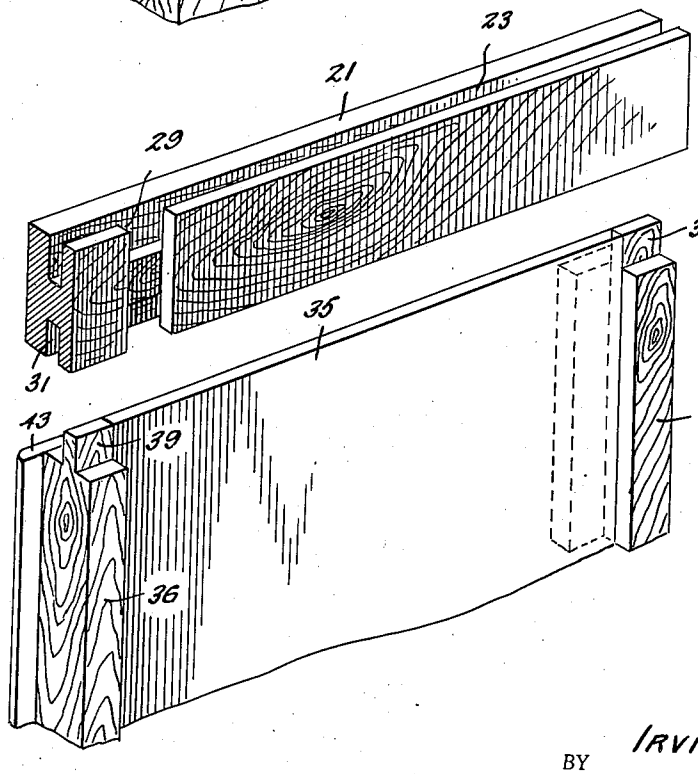


Fig. 6.

Fig. 7.

INVENTOR.
IRVING BLECHMAN

BY Clarke Ott
ATTORNEYS

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2,249,344

UNITED STATES PATENT OFFICE

2,249,344

STORAGE RECEPTACLE

Irving Blechman, Bronx, N. Y.

Application March 19, 1940, Serial No. 324,751

2 Claims. (Cl. 312—141)

This invention relates to storage receptacles for receiving and storing clothing and the like and has particular reference to an improved receptacle provided with laterally slidable door or closure sections and the same is in the nature of an improvement on the construction of the sliding door receptacle patented in my United States Letters Patent No. 2,183,131 dated Dec. 12, 1939.

In the aforesaid Letters Patent the door is of the bendable type and is downwardly slidable for opening the same which necessitates the provision of means adjacent the bottom of the receptacle for guiding the lower portion of the door into overlying relationship with the bottom wall thereof when the door is moved into open condition.

The invention aims to provide a receptacle with door sections which are laterally slidable for opening the same and which avoid the use of a longitudinally bendable door and with means for effecting the bending thereof when moved into open condition.

The invention also provides in a receptacle of the indicated character, a frame structure for connecting and securing the receptacle sections together and for mounting the door sections for relative lateral sliding movement.

The invention further provides a receptacle composed of a body section and upper and lower end sections which sections are each formed with inwardly directed front wall portions having grooved framing strips secured over the free longitudinal edges thereof, the framing strips of the end sections interfitting with the framing strips of the body section for securing the sections together and to provide a framed door opening with horizontal door guides and vertically disposed door stops for limiting the opening of the door sections and for sealing the outer edges thereof when in closed relation.

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 of the invention.

In the drawings:

Fig. 1 is a perspective view of a receptacle constructed in accordance with the invention and showing the door sections in closed relation.

Fig. 2 is an enlarged fragmentary vertical sectional view on line 2—2 of Fig. 1 between the doors and with the sealing cleat not shown.

Fig. 3 is a horizontal enlarged fragmentary sectional view taken on line 3—3 of Fig. 1 and showing one of the door sections in opened position.

Fig. 4 is an enlarged detail fragmentary sectional view taken on the line 4—4 of Fig. 2.

Fig. 5 is an enlarged detail fragmentary perspective of the body section and vertical frame strip as viewed from the interior.

Fig. 6 is a similar view of the upper transverse strip.

Fig. 7 is a similar view of the upper portion of one of the door sections.

Referring to the drawings by characters of reference, the receptacle includes a foldable body section constructed of corrugated cardboard, paperboard and the like and which body section includes a rear wall 10, oppositely disposed side walls 11 and 12 hingedly and integrally connected with the rear wall and oppositely disposed front wall portions 13 and 14 hingedly and integrally connected with the side walls 11 and 12 respectively.

The receptacle also includes top and bottom sections constructed of corrugated cardboard, paperboard and the like and which sections include end walls 15 and 16 respectively which are provided with inwardly directed marginal flanges 17 on the opposite side edges and rear edges thereof which telescopically fit over the opposite ends of the side walls 11 and 12 and rear wall 10 of the body section.

The end sections 15 and 16 also include inwardly directed front wall portions 18 and 19 hingedly and integrally connected with the top walls 15 and 16 respectively, and which engage over the opposite ends of the inwardly directed side wall portions 13 and 14.

The receptacle further includes a frame structure, designated generally by the reference character 20, which includes upper and lower transverse strips 21 and 22, the upper strip 21 having its upper edge provided with a longitudinal groove 23 and the lower strip 22 having its lower edge provided with a longitudinal groove 24 to respectively receive and engage over the inner marginal edges of the inwardly directed front wall portions 18 and 19. The frame structure 20 also includes vertically extending transversely spaced strips 25 and 26 having the outer corners of the outer faces thereof rabbeted as at 27 to receive and engage over the inner marginal edges of the inwardly directed side wall portions 13 and 14 respectively of the body section.

The vertically extending strips 25 and 26 have their inner edges notched as at 28 and the transverse strips 21 and 22 have their inner faces

notched as at 29 to interfittingly engage with the notched portion of the vertical strips 25 and 26 with the transverse strips disposed outermost and to provide a rectangular framed door opening for admitting to or removing articles from the receptacle. Fastening means, such as screws or rivets 30 extending through the transverse and vertical strips at the intersecting notched engaging portions thereof secure the same together.

The transverse and vertical strips are preferably constructed of wood or other rigid material for securing the inwardly directed front wall portions 18 and 19 in overlying relationship with the opposite ends of the inwardly directed front wall portions 13 and 14, the transverse strips 21 and 22 having their confronting edges longitudinally grooved as at 31 and 32 to provide door guides. A pair of door sections 33 and 34 are provided, each including a panel 35 and vertically extending strips 36 and 37 of wood or other rigid material having their inner confronting corners rabbeted as at 38 for receiving the vertical opposite side edges of the panels, and the upper and lower ends of the vertically extending strips 36 and 37 are cut away to provide upstanding and depending tongues 39 and 40 disposed intermediate the front to rear width thereof and which correspond in thickness to and align with the upper and lower edges of the panels. The upper and lower edges of the door panels 35 and the upstanding and depending tongues 39 and 40 of the strips 36 and 37 are respectively mounted in the grooves 31 and 32 for transverse guided sliding movement for opening and closing the door sections 33 and 34. The vertically extending strips 36 and 37 extend beyond the inner face of the panels 35 to provide shoulders 41 and 42 which engage with the vertically extending strips 25 and 26 respectively for limiting the opening of the door sections and for sealing the outer edges thereof when in closed relation. The vertical strip 36 of the door section 33 is provided with a sealing cleet 43 which is adapted when the door sections are closed to overlap and seal the abutting door strips 36.

What is claimed is:

1. In a storage receptacle, a body section having inwardly directed oppositely disposed front wall portions, upper and lower end sections each having an inwardly directed front wall portion which overlies the front wall portions of the body section, a frame structure securing said inwardly directed front wall portions together and providing a door opening, said frame structure including grooved upper and lower transverse strips in which grooves the free edges of the inwardly directed front wall portions of said end sections are secured respectively, transversely spaced vertical strips having the outer corners of their outer faces rabbeted in which rabbeted portions the free edges of the inwardly directed front wall portions of said body sections are secured respectively, said vertical and transverse strips respectively having their confronting edges and inner faces notched for interfitting engagement, and means engaging the intersecting notched portions of said strips for securing the strips together and the sections in assembled relation, said transverse strips having their confronting edges grooved to provide door guides, and a pair of door sections mounted in said guide grooves for guided lateral sliding movement, said door sections each including a panel and vertically extending strips having the inner corners of their confronting edges rabbeted in which rabbeted portions the opposite vertical edges of the panel are secured and said vertical strips of the frame structure and the vertical strips of the door sections extending beyond the outer and inner faces of the inwardly directed front wall portions of the body section and the panels respectively and engaging with each other for limiting the opening of the door sections and for sealing the outer edges thereof when in closed relation.

2. In a storage receptacle, a body section having inwardly directed oppositely disposed front wall portions, upper and lower end sections each having an inwardly directed front wall portion which overlies the front wall portions of the body section, a frame structure securing said inwardly directed front wall portions together and providing a door opening, said frame structure including vertical and transverse strips secured over the free edges of the inwardly directed front wall portions of the body and end sections respectively, said vertical and transverse strips being notched for interfitted engagement and said transverse strips having their confronting edges grooved to provide horizontal door guides, and a pair of door sections each including a panel and vertically extending strips secured over the free inner and outer vertical edges of the panel and projecting inwardly beyond the inner face thereof and adapted to respectively engage with the inner and outer side edges of a vertically extending strip of the said frame for limiting the opening of the door sections and for sealing the outer edges thereof when in closed relation, and said vertically extending strips of the door sections being notched at their opposite ends to provide outwardly projecting tongues corresponding in thickness to and aligning with the upper and lower edges respectively of the panels for transverse guided sliding movement of the panels and strips in the guide grooves as the door sections are opened and closed.

IRVING BLECHMAN.