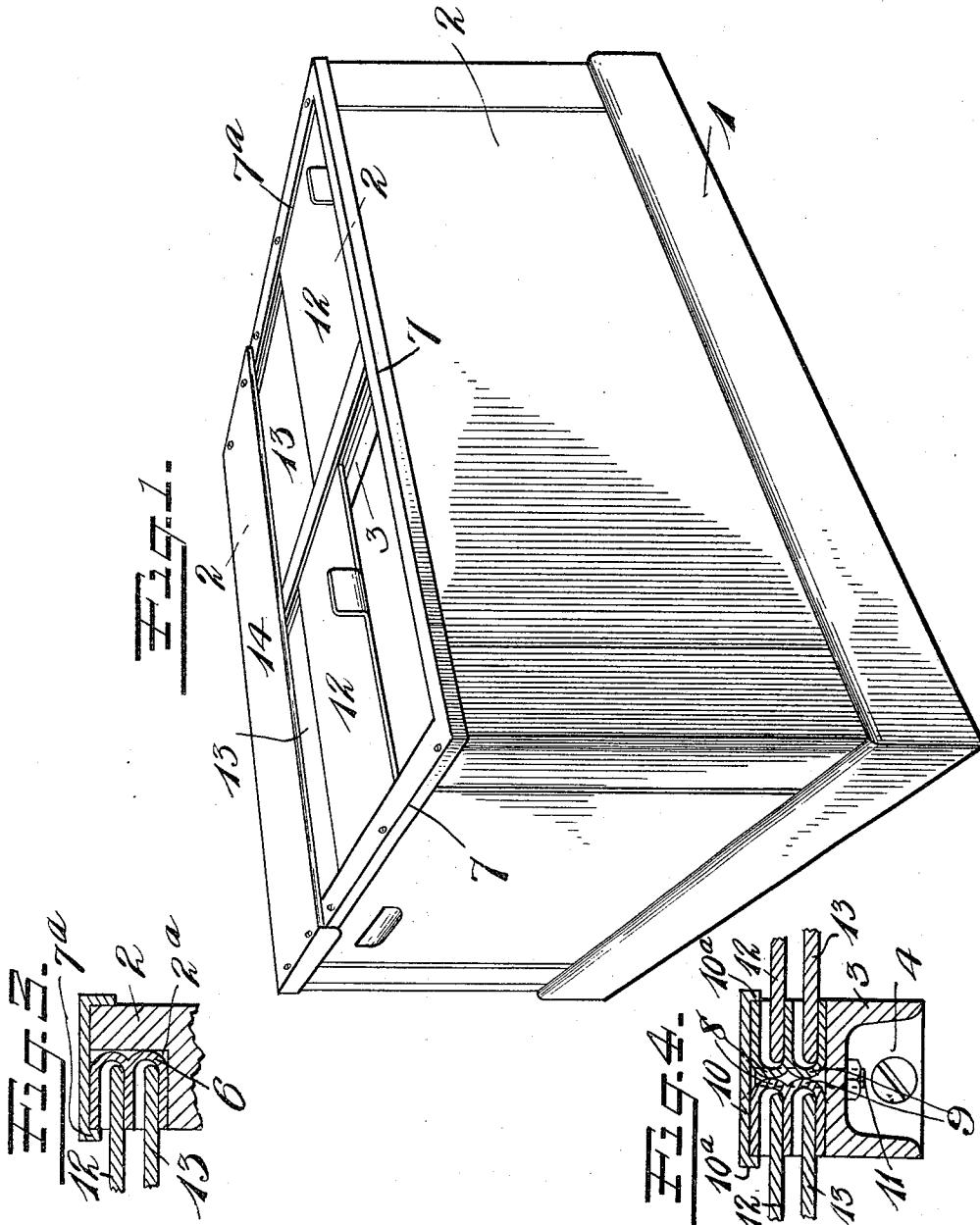


C. W. KRESS.
CONTAINER CONSTRUCTION.
APPLICATION FILED JAN. 5, 1914.

1,134,540.

Patented Apr. 6, 1915.

2 SHEETS-SHEET 1.



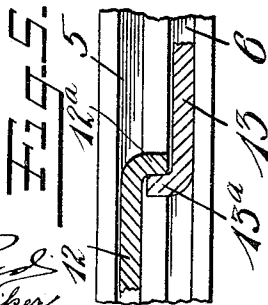
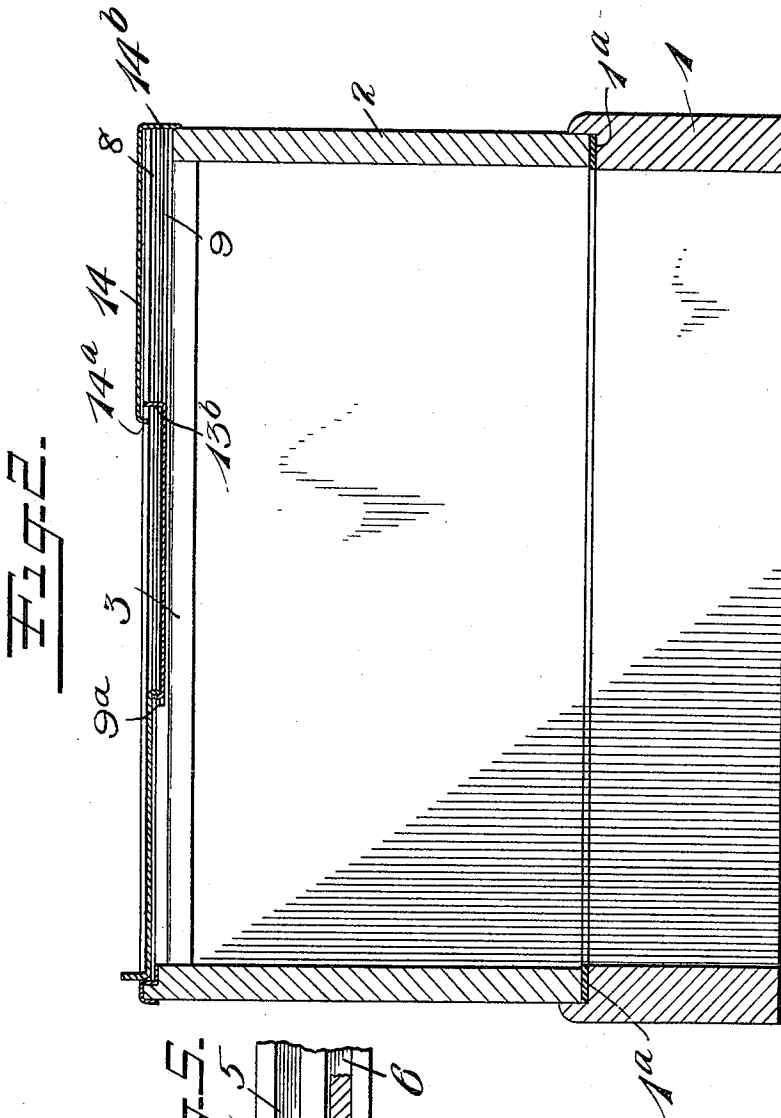
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CONTAINER CONSTRUCTION.

1,134,540.

Specification of Letters Patent.

Patented Apr. 6, 1915.

Application filed January 5, 1914. Serial No. 810,289.

To all whom it may concern:

Be it known that I, CLAUDE W. KRESS, a citizen of the United States, residing at New York city, New York county, State of New York, have invented certain new and useful Improvements in Container Construction, of which the following is a full, clear, and exact description.

The present invention relates to container construction and more particularly to a novel form of container including a particularly advantageous form of closure therefor.

A preferable embodiment of the invention is described in detail in the following specification, and is shown in the appended drawings as forming part thereof.

In these drawings: Figure 1 is a perspective view of a container embodying the present invention. Fig. 2 is a transverse vertical section on the line 2—2 of Fig. 1 looking toward the central spacer bar. Fig. 3 is a fragmentary vertical section of one of the sides of the container showing, on an enlarged scale, the guides for the cover sections. Fig. 4 is a fragmentary vertical section through the central guide and spacer for the cover sections and on an enlarged scale. Fig. 5 is a fragmentary enlarged view of a detail.

The container shown herein is of the "dispensing" type, being positioned in rear of a show case and containing in bulk the articles on display in the show case. Its base is constituted by the open rectangular frame work 1 which, having its upper edges rabbeted as at 1^a to receive the lower edges of the main body portion 2 of the container, which is bodily removable therefrom to permit the supply within the base 1 to be replenished at any time. The main body which is open at its top, and is provided with a particularly advantageous form of closure therefor which is arranged, when closed, to exclude dust and dirt from the interior of the container but which may be readily operated to give access to the interior. To this end the following construction is provided: Intermediate the opposite sides of the main body 2 adjacent and just below its upper edge, a channeled spacer bar 3 extends transversely of the casing, the ends of this spacer bar being turned downwardly as at 4 and the bar being secured to the front and back of the casing by any suitable means as the screw shown (Fig. 4). This bar and the opposite side edges of the casing 2, carry chan-

neled guides designed to receive, guide and retain the edges of sliding cover sections. The edges of the opposite sides of the casing 2 are each rabbeted as at 2^a (Fig. 3) to receive below their upper edge and upon the shoulder formed by the rabbet, a channeled guide strip preferably formed of stamped sheet metal to provide upper and lower parallel guide channels 5—6, this guide strip being UU shaped. These strips are secured to the body 2 in any suitable manner, one manner being as follows: A flanged U shaped strip of sheet metal 7, preferably stamped, is provided to conform to the shape of the front and side edges of the top of the box 2, the side portions of this sheet metal strip at their inner edges having inturned flanges 7^a which extend over the inner edges of the channeled strips 5—6 and serve to retain them in position on the edge of the box. Preferably, also, fastening means such as screws or nails are inserted into the upper edge of the box from the base of the channels 5—6. The channel strips 5—6 extend preferably from the front to the rear of the sides of the box 2 although, if desired, the lower channel 6 may be discontinued at a point where the forward edge of the cover section guided therein will rest when the said cover section is in closed position.

Mounted upon the upper face of the spacer bar 3 are complementary and oppositely facing channel strips 8—9 having their closed inner edges abutting. These channels 8—9 extend preferably from the front to the rear edge of the casing 2 although, if desired, the lower channel strips 9 may terminate at the point 9^a adjacent the forward edge of the box and at corresponding points in the lower side channels.

The rear edge of the casing 2 is cut down to leave exposed the rear ends of the channels 5—6 and 8—9. The intermediate channel guides 8—9 are retained on the spacer bar 3 by means of a strip 10 superposed thereon and having flanges 10^a extending down over and against the outer edges of the upper channels 8. This plate extends from the front edge of the casing 2 to a point adjacent the rear face and where the front edge of the fixed cover section will rest, as will be seen hereafter. It is connected to the spacer bar 3 by any suitable means, preferably by means of one or more bolts 11 extending down between the chan-

nels 8—9 and through the spacer bar, the lower ends of these bolts being engaged by a nut so that the strip 10 and channel bars 8—9 may be firmly clamped upon the spacer bar 3.

5 The channels 8 and 9 facing the opposite sides of the spacer bar 3 are parallel respectively with the side channels 5 and 6. Movable cover sections 12 and 13 have their
10 side edges inserted respectively in the upper channels 5 and 8 and lower channels 6 and 9. These cover sections are preferably of sheet metal, and the front cover sections 12 are preferably provided with an integral up-
15 turned finger piece at their forward edge. The forward cover sections 12 at their rear ends are provided with downwardly extending flanges 12^a while the intermediate cover sections 13 at their forward ends are provided with upturned flanges 13^a. These
20 flanges overlap so that when the sections are inserted from the rear edge of the body 2 into their respective guide channels, the flanges 12^a and 13^a will be positioned in
25 overlapping planes, so that when the forward sections 12 are pulled to extreme forward or closed position, their rear flanges engage with the forward flanges of the intermediate sections 13 and draw them forward to fully closed position. The inter-
30 mediate sections 13 at their rear ends are provided with upturned flanges 13^b also located in the same plane as the flanges 12^a, so that when the forward sections 12 are
35 moved rearwardly or to open position, their flanges will engage with the flanges 13^b and move the intermediate sections 13 to rearward or open position, the two sections in this inter-engaging position substantially over-
40 lying as will be evident. In order to retain these movable cover sections in place and also to permit their insertion, a fixed rear cover section 14 is employed, this fixed section being preferably of sheet metal and
45 having at its forward edge a depending flange 14^a arranged to engage the flange 13^b of the intermediate section and limit its forward movement, and with a downwardly extending flange 14^b at its rear end arranged
50 to cover the rear open ends of the channels 5—6, 8—9. It will be evident when these movable cover sections are inserted in their channels and the fixed section 14 is then applied, that the cover of the casing is assembled and in operative position thereon. It
55 will be noted that the forward cover sections 12 are positioned in planes below the forward edge of the casing 2, so that in the forward or closed position of the cover sections, they will be below the upper edge of the casing, the finger pieces projecting above
60 said edge for easy manipulation. It will be understood, of course, that in operation the mere act of moving the forward cover section by means of the finger piece, will like-

wise move the intermediate cover section to either close or expose the opening in one side or the other of the casing 2. The spacer bar 3 acts not only as a support for the intermediate channels 8—9, but also as
70 a brace for the box, and the removable fixed rear cover section permits of the ready assembling of the cover on the casing and also of the ready disassembling thereof.

I have herein described and shown a specific embodiment, but desire it understood
75 that the invention is susceptible of various structural embodiments within the spirit of said invention and the scope of the appended claims.

80 What I claim, therefore, and desire to secure by Letters Patent is:

1. In a device of the character described, a casing having an opening therein and having its opposite side edges at said opening
85 rabbeted, oppositely disposed channeled guides seated in the rabbets at said opposite side edges, means secured to said side edges and holding said guides in said rabbets, a sectional closure for said opening including
90 a movable closure section supported by and sliding in said guide channels, and a fixed complementary closure section secured to said casing and positioned in a different plane from the movable section, with a flange portion
95 extending into the plane of said movable section to retain the same in said guides.

2. In a device of the character described, a casing having an opening therein and having its opposite side edges at said opening
100 rabbeted, a spacer bar spanning the front and back of said casing adjacent said opening, said bar being parallel substantially with the side edges of said casing, oppositely disposed channeled guide strips secured to
105 said bar and extending longitudinally thereof, complementary and oppositely disposed channeled guide strips seated in said rabbets at said opposite side edges, strips secured to
110 said opposite side edges and having flanged portions engaging said channeled guides to hold the same on said rabbets, and sectional closures for the openings at opposite sides of said spacer bar, each of said closures including a sliding section supported by and
115 moving longitudinally in said channeled guides, and a cooperating fixed section positioned in a different plane from said movable section, and having a flanged portion extending in the plane of said movable section
120 to retain the same in said guides.

3. In a device of the character described, a casing having an opening therein and having its opposite side edges at said opening
125 rabbeted, a spacer bar spanning the front and back of said casing adjacent said opening, said bar being substantially parallel with said side edges, oppositely disposed guide strips secured to and extending longitudinally of said bar, said strips having therein
130

a plurality of parallel longitudinally extending guide channels, complementary and oppositely disposed guide strips seated in the rabbets at said opposite side edges and having
5 complementary guide channels therein, sheet metal strips secured to said opposite side edges and flanged to engage and hold said channeled guide strips on said rabbets, and sectional closures for said openings at opposite
10 sides of said spacer bar, each of said closures including a plurality of movable sections supported by and movable longitudinally in said channeled guides, and a fixed section cooperating with said movable sections and secured to said casing at one end
15 of said opening, said fixed section having a flange positioned in a line of movement of said movable sections to retain said sections on said casing and within said channeled guides.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."