S. S. GOLDMAN.

CRACKER CAN, BOX, AND THE LIKE, AND DISPLAY OR SHOW FRONT THEREFOR.

APPLICATION FILED APR. 7, 1913.

1,088,145.

Patented Feb. 24, 1914.

Fig. 1.

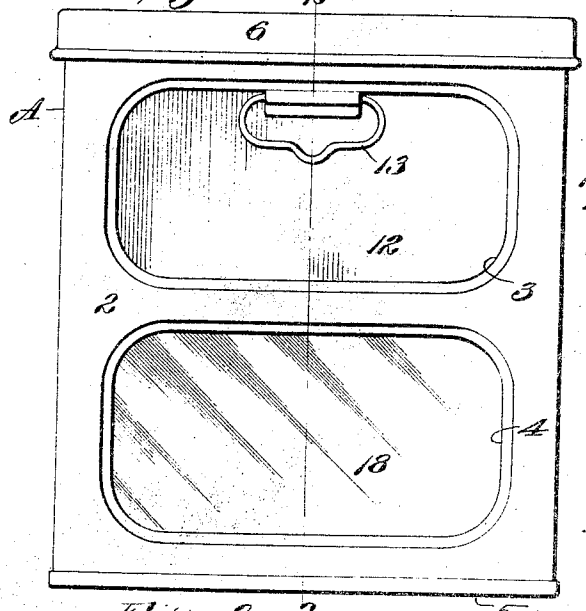


Fig. 2.

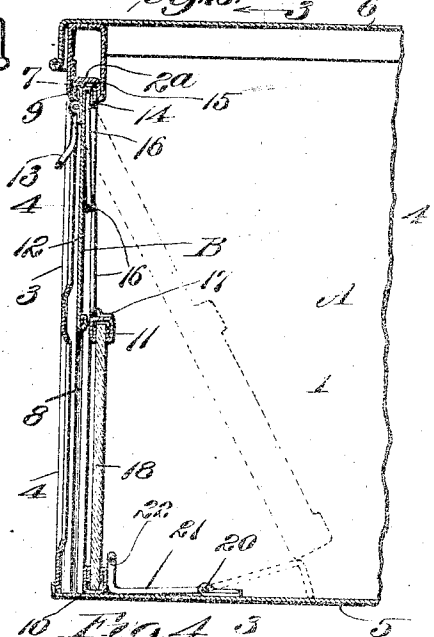


Fig. 3.

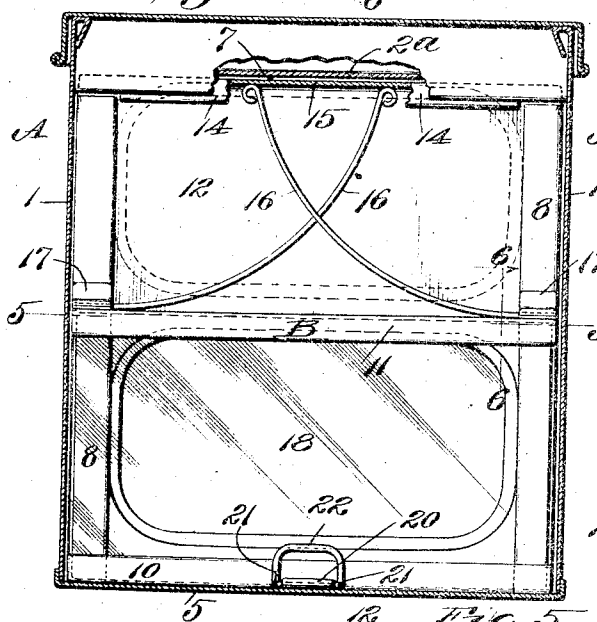


Fig. 4.

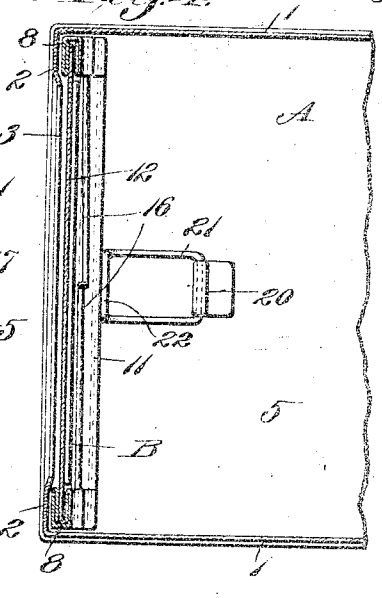
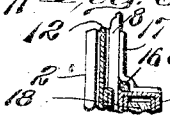


Fig. 5.



Fig. 6.



Attest:

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UNITED STATES PATENT OFFICE.

SAMUEL S. GOLDMAN, OF ST. LOUIS, MISSOURI.

CRACKER CAN, BOX, AND THE LIKE, AND DISPLAY OR SHOW FRONT THEREFOR.

1,088,145. Specification of Letters Patent. Patented Feb. 24, 1914.

Application filed April 7, 1913. Serial No. 759,374.

To all whom it may concern:

Be it known that I, SAMUEL S. GOLDMAN, a citizen of the United States, residing at the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Cracker Cans, Boxes, and the like, and Display or Show Fronts Therefor, of which the following is a specification, reference being had to the accompanying drawings, forming a part hereof, in which—

Figure 1 is a front elevational view of a can embodying my invention; Fig. 2 is a broken vertical sectional view of the can on the line 2—2, Fig. 1; Fig. 3 is a vertical sectional view on the line 3—3, Fig. 2, looking at the rear of my new display or show-front; Fig. 4 is a detail cross sectional view on the line 4—4, Fig. 2; Fig. 5 is a detail somewhat enlarged cross sectional view, partly broken away, on the line 5—5, Fig. 3; and Fig. 6 is a detail sectional view on the line 6—6, Fig. 3.

This invention relates to certain new and useful improvements in cracker cans, boxes, and the like and display or show fronts therefor, the objects of my invention being to provide a can or box of the kind stated with a display or show front which may bodily, or as an entirety, be readily and quickly placed into, or removed from, operative position in the can or box; to provide a can or box of the kind stated with a removable display or show front having a slidable spring-pressed door or panel, whereby, when the display or show front is in operative position in the can or box, access may be easily had into the interior thereof for the removal of its contents or other purpose; to provide a can or box of the kind stated with a removable display or show front having a transparent panel, whereby when the display or show-front is in operative position in the can or box, a view of the interior thereof and of its contents may be conveniently had; to provide a can or box of the kind stated with a display or show-front having a removable transparent panel and a removable normally spring-pressed slidable door or panel; and to improve generally upon cans or boxes of the kind stated and their display or show-fronts.

With the above and other objects in view, my invention resides in certain novel features of construction, arrangement, and combination of parts, all as will hereinafter be described and afterward pointed out in the claims.

In the accompanying drawings, A indicates a can comprising a body portion preferably of suitable sheet metallic material, said body portion having a pair of parallel spaced-apart side walls 1—1, a front wall 2 cut away within its area to provide preferably a plurality of elongated rectangular openings, as at 3 and 4, a base or bottom wall 5 soldered or otherwise suitably fixed to said walls 1—1 and front wall 2 at their lower ends, and a cover or lid 6 hinged to a rear wall not shown.

At its upper end, front wall 2 is preferably suitably bent and doubled rearwardly upon itself, as at 2^a, shown particularly in Fig. 2, to provide between side walls 1—1 adjacent the top thereof a transversely-extending channeled or grooved member 7 opening or presented downwardly and in which is adapted to removably fit the upper end of my new display or show-front B which, as an entirety, is adapted to removably fit within can A and between side walls 1—1 flatwise and against the rear face of front wall 2, as also shown particularly in Fig. 2.

The body-portion of display or show-front B is in the form substantially of a frame and comprises a pair of parallel spaced-apart substantially U-shaped or grooved preferably sheet metallic members 8—8 having their legs or grooves presented inwardly, an upper cross or horizontally-disposed preferably sheet metallic member 9 soldered or otherwise fixed at its ends to the upper ends of said upright members 8—8, a lower substantially U-shaped or grooved preferably sheet metallic horizontally-disposed or cross member 10 soldered or otherwise fixed at its ends to, and on the rear face of, the lower ends of said upright members 8—8, the legs or groove of said member 10 being presented upwardly, and an intermediate substantially U-shaped or grooved preferably sheet metallic horizontally-disposed or cross member 11 soldered or otherwise fixed at its ends to, and on the rear face of, said upright members 8—8 at a suitable point approximately midway their length, the legs or groove of said intermediate cross-member 11 being presented downwardly.

Upright members 8—8 of show-front B,

having their legs presented inwardly, form a vertically-disposed slide or guide-way in which slidably fits a removable preferably metallic panel or door 12 preferably provided on its outer face and adjacent the upper edge thereof with a hinged or other suitable manipulating handle 13, as shown particularly in Fig. 1. At its upper edge, panel or door 12 is rearwardly bent and then downwardly flanged, as at 14, as shown particularly in Fig. 3, to provide a wall or abutment, as at 15, against which are adapted to removably press or abut the upper ends of a pair of oppositely-disposed spring members 16—16 adapted to maintain door or panel 12 in uppermost position in its slideway and, when display-front B is in operative position in can A, in normal position closing upper opening 3 in front wall 2, the opposite or lower ends of spring members 16—16 preferably removably fitting in suitable horizontally-disposed tubular openings formed preferably, as shown particularly in Fig. 6, by means of suitable angular or bent metallic pieces or members 17 soldered or otherwise fixed at their opposite ends to the rear face of upright or slide-forming members 8—8 and the upper face of said intermediate recessed or grooved cross-member 11. This cross-member 11 with lower recessed or grooved cross member 10, the legs or grooves thereof being oppositely-presented, form a horizontally-disposed slide or guide-way in which is adapted to removably fit a glass or other transparent panel 18 through which, when display-front B is in operative position in can A, a view of the interior, or of the contents, of can A may be had. At one end, each of said cross-members 10 and 11 preferably has its groove closed as by means of respective integral flanged portions 19, see particularly Fig. 5, glass panel 18 being, when display-front B is in inoperative position or removed from can A, endwise slidably removable from its slideway formed by said members 10 and 11 at the opposite ends thereof. Display-front B being in operative position in can A, access to the interior thereof may be readily had through opening 3 by slidably moving panel 12 downwardly in its slideway and against the resiliency of said spring members 16—16, such access being particularly desirable and advantageous when, as is usually the case, cans A are stacked or arranged one upon another, as will be well understood.

Suitably hinged, as at 20, to base or bottom wall 5 and within can A, as shown particularly in Figs. 2 and 4, is a suitable preferably spring or resilient locking member 21 having at its forward end an upturned portion 22 adapted, when spring member 21 is in normal position, or in the position thereof shown in full lines in Fig. 2, to releasably impinge or bear against lower cross-member 10 of display-front B, thereby pressing display-front B flatwise outwardly or forwardly against the rear face of front wall 2 and securely holding or locking display-front B in operative position in can A with its upper end within the groove or channel of transverse member 7. By throwing or moving spring member 21 to inoperative position, or to the position thereof as shown by dotted lines in Fig. 2, display front B may be rearwardly or inwardly slidably removed from engagement with member 7, as also shown by dotted lines in Fig. 2, and thus easily removed from can A, whereupon the interior of can A may be easily cleaned, glass panel 18 may be removed from its retaining frame and cleaned, or, in case of breakage thereof, a new panel substituted therefor, and panel or door 12, for repairs or substitution, if necessary, removed from its slide-way by slightly depressing the same so that its manipulating handle 14 may pass upwardly and outwardly behind or to the rear of upper cross-member 9, spring members 16—16 being also readily removed from, or placed into, operative position. When display-front B is in operative position in can A, it will be seen that the side wall 1 of can A adjacent the open side of the slide-way or frame in which glass panel 18 fits forms, in effect, a closure for the open end of said frame and thereby holds panel 18 against removal, and that the rear wall 2ª of grooved or channeled member 7 of front wall 2 of can A correspondingly prevents the removal of upper door or panel 12.

My new can and its display front may be cheaply and economically manufactured, and it will also be noted that by having display front B and its several parts so separately removable, one or more parts thereof may be separately or independently removed or replaced, the cost of repairs or renewal being thereby reduced to a minimum.

I am aware that minor changes in the construction, arrangement, and combination of the several parts of my new can and display or show-front may be made and substituted for those herein shown and described without departing from the nature and principle of my invention.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

1. The combination with a can or the like comprising a body-portion having a front wall provided within its area with an opening and on its rear face and to one side of said opening with a transversely-extending grooved member, of a closure-carrying frame for said opening separable from said can and adapted to removably fit within said body-portion with its front face flatwise against the rear face of said wall and with

an edge portion thereof projecting within the groove of said member, and a locking member carried by said body-portion adapted to releasably engage with said frame to removably secure the same in said position within said body-portion; substantially as described.

2. The combination with a can or the like comprising a body-portion having a base wall and a front wall provided within its area with an opening and on its rear face and above said opening with a transversely extending grooved member, of a closure-carrying frame for said opening separable from said can and adapted to removably fit within said body-portion with its front face flatwise against the rear face of said front wall and with its upper edge portion thereof projecting within the groove of said member, and a spring-member hingedly mounted within said body-portion and upon said base wall adapted to releasably engage with the lower edge portion of said frame to removably secure said frame in said position within said body-portion; substantially as described.

3. The combination with a can or the like comprising a body-portion having a pair of side walls and a front wall provided within its area with an opening, of a frame separable from said can and adapted to removably fit within said body-portion with its front face flatwise against the rear face of said front wall, and a closure for said opening carried by said frame and endwise slidably removable therefrom, when said frame is in inoperative position removed from said body-portion, the side walls of said body-portion being adapted to prevent removal of closure from said frame when said frame is in operative position in said body-portion; substantially as described.

4. The combination with a can or the like comprising a body-portion having a front wall provided within its area with an opening and on its rear face and to one side of said opening with a transversely-extending grooved member, of a frame separable from said can and adapted to removably fit within said body-portion with its front face flatwise against the rear face of said wall and with an edge portion thereof projecting within the groove of said member, and a closure for said opening slidably carried by said frame and removable therefrom, when said frame is in inoperative position removed from said body-portion, said grooved member being adapted to prevent removal of said closure from frame when said frame is in said operative position within said body-portion; substantially as described.

5. The combination with a can comprising a front wall having an opening, of a slide-way within said can, a panel adapted to close said opening slidable in said way, and a plurality of spring-members having engagement at one end with said panel adapted to resiliently hold the same in normal position closing said opening, the opposite ends of said spring-members being mounted on said slide-way; substantially as described.

6. The combination with a can comprising a front wall having an opening, of a slide-way within said can, a panel adapted to close said opening slidable in said way, a rearwardly-disposed flanged portion on said panel, and a plurality of oppositely-disposed spring-members having slidable engagement at one end with said flanged panel portion and being adapted to resiliently hold said panel in normal position closing said opening, the opposite ends of said spring members being mounted on said slide-way; substantially as described.

7. In a can of the class described, a front wall having an opening and a vertically-disposed slide-way, a panel adapted to close said opening slidably in said way, and a spring-member having sliding engagement at one end with said panel adapted to resiliently hold the same in normal position closing said opening, the opposite end of said spring member being mounted on said wall; substantially as described.

8. In a can of the class described, a front wall having an opening and a vertically-disposed slide-way, a panel adapted to close said opening slidably in said way, and a plurality of spring-members having sliding engagement at one end with said panel adapted to resiliently hold the same in normal position closing said opening, the opposite ends of said spring members being mounted on said wall; substantially as described.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

SAMUEL S. GOLDMAN.

Witnesses:
RUTH PETERSON,
ZELMA PINCUS.