

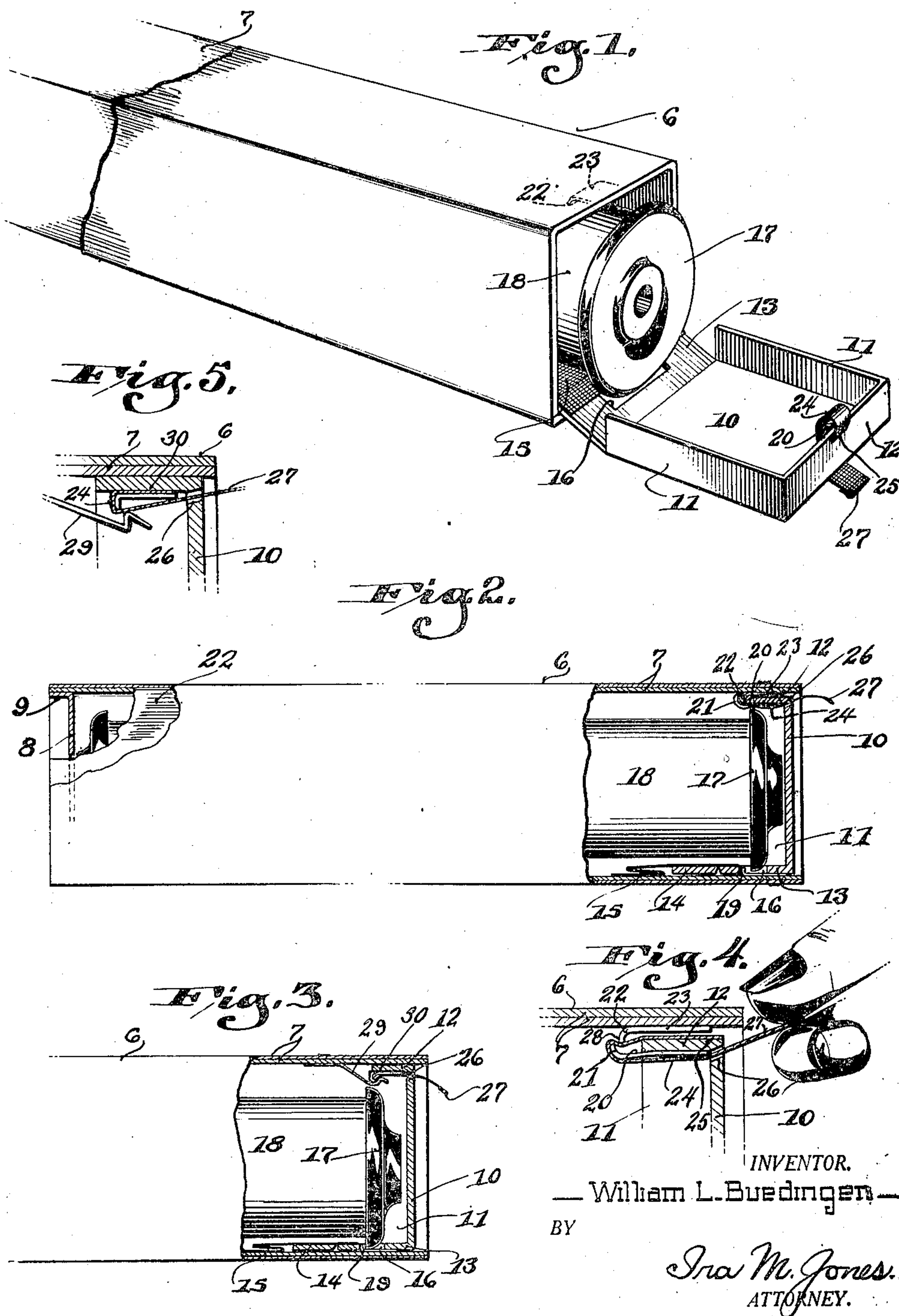
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W. L. BUEDINGEN

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CONTAINER

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UNITED STATES PATENT OFFICE.

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CONTAINER.

Application filed June 29, 1921. Serial No. 481,286.

To all whom it may concern:

Be it known that I, WILLIAM L. BUEDINGEN, a citizen of the United States, and resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Containers, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

This invention relates to certain new and useful improvements in containers and is more particularly directed to that type of container designed for use in connection with music rolls.

The present type of container is objectionable as no positive lock is provided for the end closure and in the event the container is held the wrong side up, the roll is permitted to fall therefrom and possibly become damaged beyond repair. It is therefore an object of my invention to provide means for readily releasably locking the removable container closure in closed position whereby such accidental disengagement from the container is rendered impossible.

Another object of this invention is to provide a positive lock for the container removable closure consisting of two co-acting catch members having a tape positioned therebetween when in engagement and having a free end outwardly of the closure to provide an opening tab which, when drawn taut, will facilitate ready opening thereof.

A further object of this invention is the provision of a bottom lock for the closure which consists of a recessed flange carried thereby and in which recess the adjacent roll spool end is engageable whereby the roll is partially projected from the container when the closure is open, a container carried stop or lock member being engaged in said recess when the closure is in closed position.

It is a still further object of this invention to provide a novel form of container construction which will materially reduce manufacturing cost and at the same time provide a container which will possess great strength and durability.

With the above and other objects in view which will appear as the description proceeds, my invention resides in the novel construction, combination and arrangement of parts substantially as hereinafter described and more particularly defined by the appended claims, it being understood that such changes in the precise embodiment of the

herein disclosed invention may be made as come within the scope of the claims.

In the accompanying drawings, I have illustrated one complete example of the physical embodiment of my invention constructed according to the best mode I have so far devised for the practical application of the principles thereof, and in which:

Figure 1 is a perspective view of a container embodying my invention, the rear closed end of the container being broken away and the removable closure being illustrated as in open position;

Figure 2 is a side view of my improved container illustrating the closure as in closed position, parts of said view being broken away and in section to more clearly illustrate details of construction;

Figure 3 is a side fragmentary view of a slightly modified form of my invention, parts being broken away and in section to more clearly illustrate structural details;

Figure 4 is an enlarged fragmentary detailed sectional view illustrating the manner of facilitating the opening of the closure by means of the improved opening tab, said view illustrating that form of my invention depicted in Figures 1 and 2, and

Figure 5 is a view similar to Figure 4 illustrating that form of my invention depicted in Figure 3.

Referring now more particularly to the accompanying drawings in which like numerals designate like parts throughout the several views:

The numeral 6 designates my improved container preferably formed of two or more open ended tubular shells 7 telescoped and secured together and then preferably wrapped with a suitable cover. One end of the container is closed by an end member 8 provided with lateral flanges 9, secured to the inner wall of the innermost shell 7, the member 8 being spaced slightly inwardly of the container ends, as shown in Figure 2. The other end of the container is normally closed by a removable closure 10 adapted to be securely but releasably locked in closed position as hereinafter described.

The closure 10 is provided with inwardly extended side and top flanges 11 and 12 respectively, and the bottom thereof carries a connecting flange or portion 13 which is hingedly connected with a tab portion 14 slidable into and out of the container open end. The sliding movement of said tab

portion out of the container is limited by suitable flexible means 15 preferably secured to the container and to the closure.

The flange 13 is preferably recessed, as at 16, to receive the flange of the adjacent spool head 17 of a roll 18 disposed within the container whereby a movement of the closure 10 to open position will carry with it roll 18 to partly project the outer end thereof from the container as clearly illustrated in Figure 1. When the closure is in its position depicted in Figures 2 and 3, and the flange of spool head 17 is engaged in recess 16, a stop or catch member 19 will also be engaged in said recess to abut the rear wall of said recess and serve to prevent outward movement of the closure. The catch or stop 19 is preferably in the form of a blank metal member suitably fastened to the adjacent container wall and having an upstruck lip which, together with the means now about to be described, firmly but readily releasably secures the container in closed position.

Referring now more particularly to Figures 1, 2 and 4, a resilient or spring catch member 20 is made fast to the inner face of the closure flange 12 in any desired manner and has its upper free end 21 struck upwardly to provide a latch or keeper portion which is adapted to engage behind an in-struck portion 22 of a catch member 23 secured to the inner face of the top wall of container 6. With this construction it will be readily seen that when the closure is moved into the opening of the container, the stop 19 engages within the opening 16 and the projection 21 springs over and engages behind projection 22 firmly locking the closure. The unlocking or disengaging of the catch members 20 and 23 is facilitated by a tape 24 which has one end made fast to the flange 12, as at 25, passes over the keeper projection 21, then outwardly through an aperture 26, in the closure 11,

to form a tab 27 for moving the closure from closed to open position. When the tab 27 is pulled, the tape will be drawn taut, as clearly illustrated in Figure 4, to depress the projection 22 and form a surface 28 over which the projection 22 rides, as will be readily apparent.

That form of my invention illustrated in Figures 3 and 5 is substantially the same in principle with the other form, with the exception that the catch member 29 secured to the container is resilient and the catch member 30 secured to the closure flange 12 is rigid, the tape 24, when drawn taut depressing catch member 29, as clearly illustrated in Figure 5.

What I claim as my invention is:

1. A container of the class described having an open end, a closure for the opening provided with inwardly directed flanges, coacting catch members carried by the container and one flange of the closure for holding the latter in a closed position, a recess formed in a second flange of the closure and adapted to receive therein a portion of the article within the container for withdrawing the same when the closure is opened, a catch member engageable with one wall of said recess, and said catch adapted to further hold the closure in a closed position.

2. A container having an open end and a closure for the same, said closure adapted to be clear of the opening when in full opened position, flanges on the closure thereby to be telescoped when the closure is in a closed position, interlocking catch members carried by the container and one flange of the closure, a stop carried by the container and engageable in a recess in the closure, and means for disengaging the interlocking catch members to permit the opening of the closure.

In testimony whereof I affix my signature.

WILLIAM L. BUEDINGEN.