

F. J. HILD.
BOX OR CONTAINER.
APPLICATION FILED OCT. 6, 1916.

1,237,781.

Patented Aug. 21, 1917.
2 SHEETS—SHEET 1.

Fig. 1.

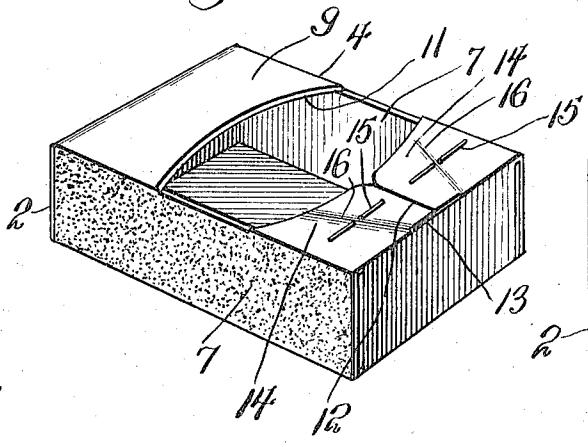


Fig. 2.

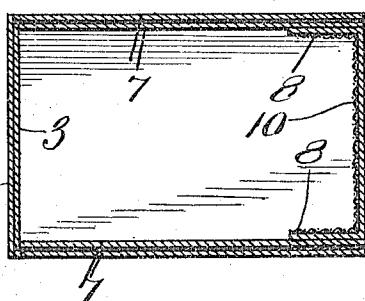


Fig. 3.

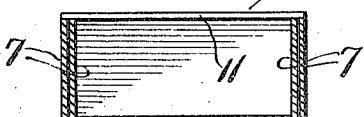


Fig. 4.

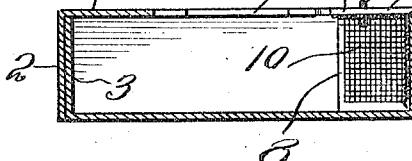


Fig. 5.

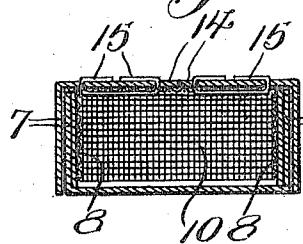
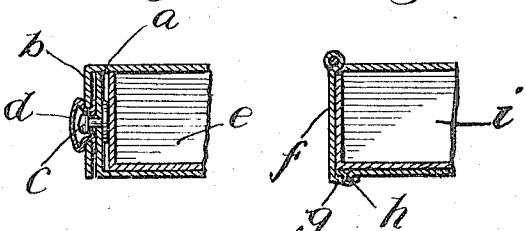


Fig. 6. Fig. 7.



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2 SHEETS—SHEET 2.

Fig. 6.

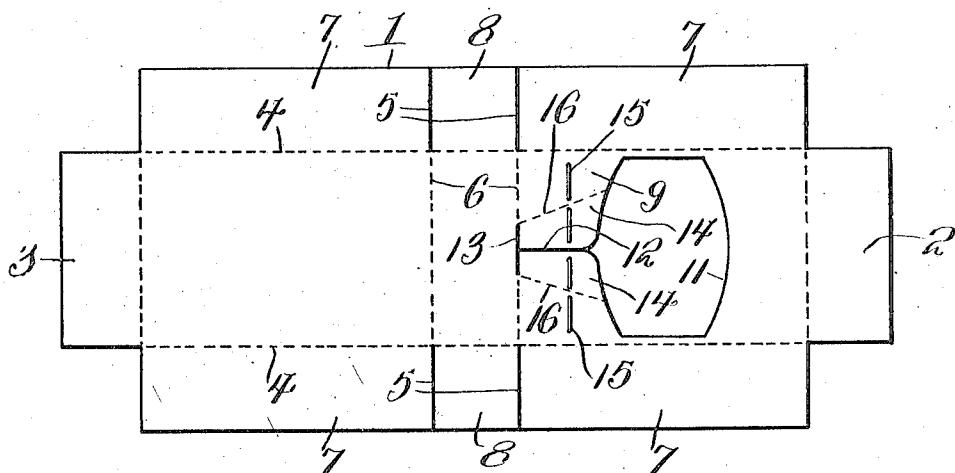
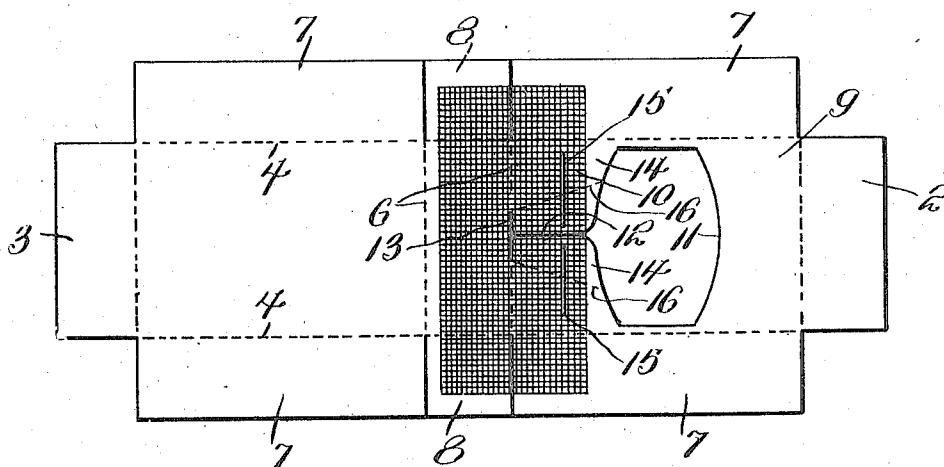


Fig. 7.



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BOX OR CONTAINER.

1,237,781.

Specification of Letters Patent. Patented Aug. 21, 1917.

Application filed October 6, 1916. Serial No. 124,125.

To all whom it may concern:

Be it known that I, FRITZ J. HILD, a citizen of the German Empire, residing at Jacksonville, in the county of Duval and 5 State of Florida, have invented certain new and useful Improvements in Boxes or Containers, of which the following is a specification.

This invention relates to improvements in 10 boxes or containers for matches, tooth picks or the like, and an object of the invention is to produce a box or container having one of its sides provided with a slot or opening and the said side being centrally slitted from 15 the said slot or opening to provide resilient or flexible wings, the slot providing means whereby the finger of the operator may be inserted within the box to grasp one of the articles, and the resilient or flexible wings 20 provide means whereby an article may be withdrawn from the box through the opening and through the slit dividing the wings.

With the above and other objects in view the improvement resides in the construction, 25 combination and arrangement of parts set forth in the following specification and falling within the scope of the appended claims.

In the drawings:

Figure 1 is a perspective view of a box 30 constructed in accordance with the present invention,

Fig. 2 is a central horizontal sectional view through the same,

Fig. 3 is a central vertical transverse sectional view,

Fig. 4 is a vertical longitudinal sectional view through the same,

Fig. 5 is a transverse sectional view taken in a line with the spring members connected 40 with the wings and with the reinforcing element for the wings,

Fig. 6 is a plan view of the blank from which the box is formed looking toward one of the faces thereof,

Fig. 7 is a similar view looking toward 45 the opposite face thereof, and

Figs. 8 and 9 illustrate detail longitudinal sectional views of modifications.

I construct my improved box preferably 50 from a substantially rectangular strip of cardboard 1, the same having its opposite ends provided with extensions forming flaps 2 and 3 and these flaps are adapted to be folded over each other to provide the top of

the box. The rectangular strip of card- 5 board is scored longitudinally, as at 4, in a line with the opposite edges of the flaps 2 and 3 and the said strip or blank is slitted transversely at equal points from its center, as indicated by the numerals 5—5, and the 60 body or blank is scored transversely, as at 6, in a line with the said slits 5. The portions of the blank outward of the longitudinal score lines 4 are adapted to be bent inwardly to provide the sides 7 of the box, 65 while the portions 8 between the slits 5 are bent upon the score lines 4 and contact with the inner member of the sides and are secured to the said inner member, reinforcing the box at the bottom thereof. In addition 70 to the members 8 of the box at the bottom thereof and at the lower portion of its face 9 is reinforced by a strip of fabric 10, and this fabric is adapted to also strengthen and reinforce the ears of the box which will 75 hereinafter be referred to.

The face 9 of the box is centrally provided with an opening 11, and the said face is slit longitudinally, as at 12, from the lower wall provided by the opening 11, the said 80 slit 12 terminating in a line with the score 6 which divides the bottom from the front face 9, and the said slit also intersects a longitudinally extending slit 13. The slits 12 and 13 in connection with the lower wall or 85 edge provided by the opening 11 form the front of the box below and centrally of the said opening 11 with wings 14—14, and these wings have arranged thereon longitudinally extending spring members 15—15 90 which in addition to reinforcing the wings add to the resiliency of the said wings.

The box, as stated, is adapted to receive articles disposed longitudinally therein, such as matches, tooth picks or the like, and such articles may be arranged in the box by opening the same angularly through the opening 11 bringing said articles to contact with the top 2 of the box and then forcing the opposite or lower ends of the said articles through the opening provided by the slit 12, causing the wings to move inwardly. To remove the articles the operation is reversed; that is, the finger of the operator is inserted through the opening 11, grasping one or more of the 100 articles, canting the same to bring the lower end thereof central of the box or in a line with the slit 12, causing the wings or doors 105

14 to open and permit of the removal of said article.

As illustrated in the drawings the spring members 15 are in the nature of resilient pins, and the face 9 of the box, from the ends of the longitudinal slit 13, may be scored upwardly and at outward angles as indicated by the numerals 16, these scores being arranged approximately central of each of the 10 spring members 15 and the scores may provide the inner or what may be termed the hinged edges of the wings or doors 14, and also the box may have one of its sides or one of its faces provided with a striking surface 15 for matches when the said box is adapted as a container for matches.

It is, of course, to be understood that the device may provide a receptacle or casing for ordinary match boxes, and in Fig. 8 of 20 the drawings I have illustrated the device as constructed of some flexible material, such as leather, the same, at one of its ends, being provided with inner and outer flaps *a* and *b* respectively, the inner flap having a headed 25 stud *c* thereon to be received in a suitable clasp *d* in the outer flap *b*. By this arrangement it will be noted that the match box *e* may be inserted or removed from within the receptacle.

30 In Fig. 9 the device is illustrated as constructed of metal and has one of its ends provided with a hinged lid *f* having its outer edge formed with a flange *g* that may be provided with an indentation to receive a 35 stud *h* upon the side of the device, and whereby the match box *i* may be positioned within or removed from the device.

From the above description, taken in connection with the accompanying drawings, the 40 simplicity of the device, as well as the advantages thereof will, it is thought, be perfectly apparent to those skilled in the art to which such invention appertains without further detailed description.

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

Having thus described the invention, what 45 I claim is:

1. A box or container having one of its faces provided with an opening, the said face being slitted centrally from one of its corners to the said opening and its said corner 50 slitted transversely from the longitudinal slit to provide the surfaces between the slits and the opening with yieldable wings or doors.

2. A box or container having one of its 55 faces provided with an opening and its said face being slitted longitudinally and centrally from the said opening to one of the corners of the box or container, and said corner being slitted in opposite directions for 60 an equal distance from the longitudinal slit, and a reinforcing element for the slit portions of the box.

3. A box or container constructed of cardboard or the like having one of its faces provided with an opening, the said face being slitted centrally from the opening to one of the corners of the box, the referred to corner being slitted laterally with respect to the 65 first mentioned slit, and the face of the box, 70 from the terminal of the last mentioned slit being scored angularly toward the opening.

4. A box or container constructed of cardboard or other flexible material having one of its faces provided with a rectangular 75 opening and its said face slitted centrally from the opening to one of the corners of the box, said corner having a longitudinal slit, the center of which intersects the first mentioned slit, a reinforcing element for the 80 slit portions of the box, the box from its corner slit being scored angularly toward the opening, and a spring member arranged transversely in the box and disposed to overlie each of the referred to scores, as and 85 for the purpose set forth.

In testimony whereof I affix my signature.
FRITZ J. HILD.