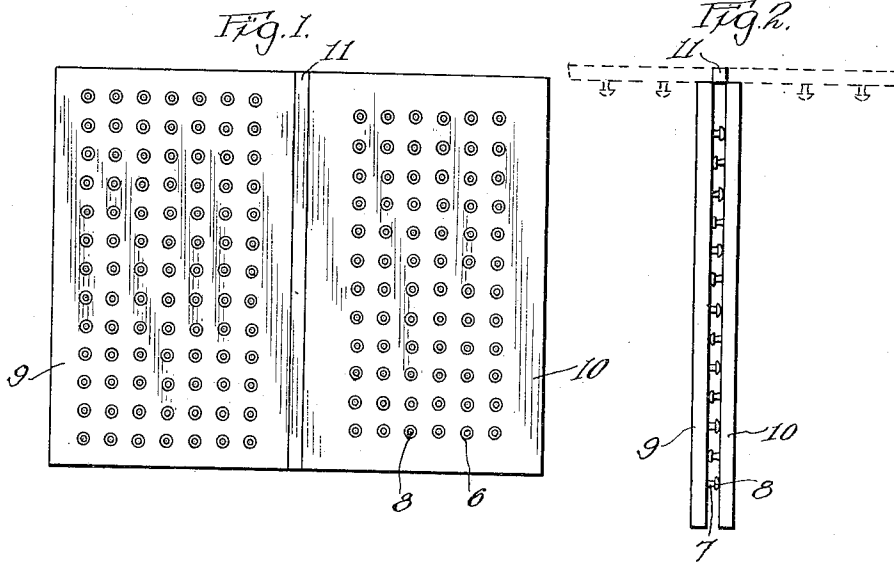
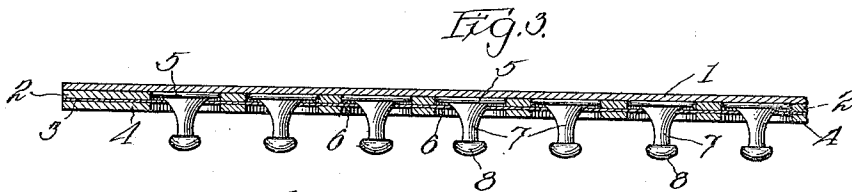
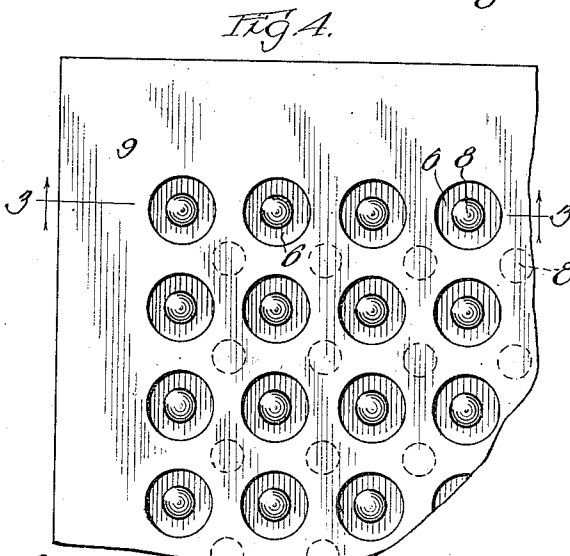
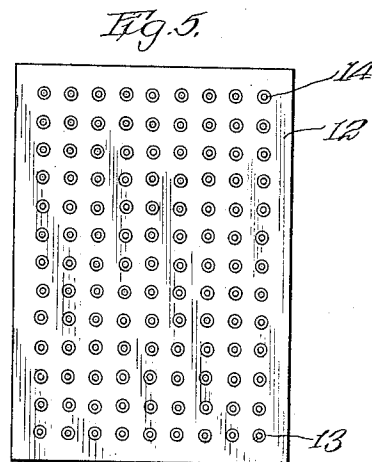


F. A. CANFIELD.
EXHIBITING AND VENDING DEVICE.
APPLICATION FILED MAR. 8, 1915.

1,164,166.

Patented Dec. 14, 1915.



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UNITED STATES PATENT OFFICE.

FRANK A. CANFIELD, OF CHICAGO, ILLINOIS.

EXHIBITING AND VENDING DEVICE.

1,164,166.

Specification of Letters Patent.

Patented Dec. 14, 1915.

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To all whom it may concern:

Be it known that I, FRANK A. CANFIELD, a citizen of the United States, residing at 208 Siegel street, in the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Exhibiting and Vending Devices, of which the following is a specification.

My invention relates to exhibiting and vending devices and particularly to devices of that character in which small articles are attractively displayed.

The principal objects of my invention are to so place and support the articles in the device that a portion of each article will be exposed for inspection, and will project sufficiently to provide a convenient grasping part for the fingers for withdrawal of the article from the device when purchased, to form a portion of the device of comparatively weak frangible material which fits around and holds the articles in position in the device and is adapted to be easily torn when the article is withdrawn upon purchase, and to so construct the device and arrange the articles therein that it may be folded into a compact flat package with the articles inclosed between the two sides thereof. These and various other objects I accomplish as set forth in the following specification and as more fully and particularly pointed out in the claim, reference being had to the accompanying drawings in which a preferred embodiment of my invention is shown.

In the drawings, Figure 1 represents a plan view of the improved device opened in flat position: Fig. 2 is an edge view of the device folded, also showing it open in dotted lines. Fig. 3 is an enlarged section through one side of the device on line 3—3 Fig. 4. Fig. 4 is an enlarged fragmentary view, showing the heads of some of the articles in dotted lines to indicate their relative position when the device is folded. Fig. 5 is a plan view of the improved device constructed in a flat non-foldable form.

In referring to the embodiments of my invention shown in the accompanying drawings in detail, like numerals designate corresponding parts.

My improved device as preferably constructed comprises a plurality of sheets of suitable material superimposed upon and secured to each other, one of said sheets being imperforate and constituting a back,

and the others being provided with openings through which portions of the articles project and protrude; one of said perforated sheets being made of thinner and weaker material than the others and having the openings there through smaller than the openings in the other sheets, said sheet forming a retaining sheet for temporarily securing the articles in place in the device.

Referring to Fig. 3, the numeral 1 represents the imperforate back sheet; 2, the intermediate perforated sheet; 3, the thin perforated retaining sheet; and 4 the outer perforated sheet.

The articles displayed for sale in the embodiment of my invention shown are collar buttons, and it will be noted by referring to Fig. 3, that the inner ends or feet, 5, of the buttons are against the back sheet, 1, being held in contact by the annular retaining portions, 6, of the thin sheet, 3, and that the stems or shanks, 7, and heads, 8, protrude and project through the openings in the perforated sheets and beyond the face of the device.

The circular openings in the intermediate sheet, 2, and the outer sheet, 4, are the same in size, being slightly larger than the feet of the buttons, so that the buttons may be easily drawn through the same when detached from the device.

For compactness, and in order to protect and conceal the articles when not in displaying position, I preferably construct my improved device so that it may be folded as shown in Figs. 1, 2 and 4. In these figures, the left hand member or part is denoted by 9 and the right hand member by 10. Both of these members or parts are hinged or otherwise suitably connected to a medial strip, 11, and are adapted to fold as shown in full lines in Fig. 2, to a position parallel and in fairly close proximity to each other.

The buttons or other articles are arranged in parallel rows in each member and the rows of one member are staggered relatively to the rows of the other member, so that when the members are folded, the articles of one member project between the articles of the other member as shown in Figs. 2 and 4.

From this it will be readily seen that when the device is folded, the articles are entirely separated from and out of contact with each other, and that as the head of each article is in contact with the surface of the opposite member, all of the articles are

not only concealed and protected when the device is folded but are positively held therein against removal until the two members are opened.

5 Referring to Figs. 3 and 4 it will be noted that each annular portion 6 of the thin frangible sheet 3 is concentric with the circular openings in the thick sheets 2 and 4, between which the sheet 3, is interposed, thereby providing a ring like portion of weak easily torn material, which is unprotected, not reinforced nor backed and entirely surrounds the foot of the collar button. The portion 6 is not cut or perforated
10 except for its central perforation through which the collar button shank projects and is substantially flat throughout and its office is to hold and retain the foot of the collar button in the seat formed by the circular perforation in the thick sheet 2, and located
15 beneath the said portion 6, as shown in Fig. 3. From this it will be seen that the collar buttons are detachably secured to the supporting device by fitting the feet of the buttons in recesses formed in the device by providing some of the thick sheets thereof with circular perforations, and arranging annular flat portions of weak frangible material around the shanks of the buttons slightly
20 about their feet. In this improved construction, the lower portions of the collar buttons are embedded in the surface of the supporting device and are retained in place therein by frangible portions which do not extend
25 or project above the surface and which are easily broken by pulling upon the collar button in a direction away from the surface of the supporting device.

30 In the form shown in the Fig. 5, the device is constructed substantially as shown in Fig. 3, but is not made in two foldable members, being singly one rigid sheet, which for some purposes might be preferred to the folding form shown in Figs. 1 and 2, owing
35 to its simplicity and cheapness.

40 In the form shown in Fig. 5, 12 represents the outer sheet, 13 the thin retaining portions, and 14 the collar buttons.

While I have illustrated and described preferred forms of construction for carrying my invention into effect, this is capable of a wide range of variation, alteration, modification and change without departing from the spirit of my invention, I therefore do not wish to be limited to the construction herein shown and described, but
55 desire to avail myself of all such variations, alterations, modifications and changes as fairly fall within the scope of the appended claim or may be construed to be within the scope thereof by involving the doctrine of equivalents.

What I claim as my invention and desire to secure by Letters Patent is:

A device of the class described, comprising a thick imperforate back, an intermediate thick sheet superimposed on said back and provided with a series of perforations of circular form and of sufficient size to receive the feet of collar buttons, a thin flat
65 frangible retaining sheet superimposed on the intermediate sheet and having a like series of circular perforations smaller than and concentric with the perforations in the intermediate thick sheet, said circular perforations being sufficiently large to permit
70 the fitting of the heads and shanks of collar buttons therethrough, and providing a series of thin weak flat annular unprotected portions which surround and fit snugly around
75 the button shanks slightly above the feet thereof and are completely below the outer surface of the device, and an outer thick sheet superimposed upon the retaining sheet and having a series of perforations equal in
80 number to and corresponding in size and form with the perforations in the intermediate thick sheet with which they register.

In testimony whereof I have hereunto affixed my name in the presence of two witnesses.

FRANK A. CANFIELD.

Witnesses:

GEORGE JOHNSEN,
ROBT. KLOTZ.