

Aug. 2, 1938.

J. R. BOYER

2,125,268

DISPLAY DEVICE

Filed Feb. 4, 1937

Fig. 1

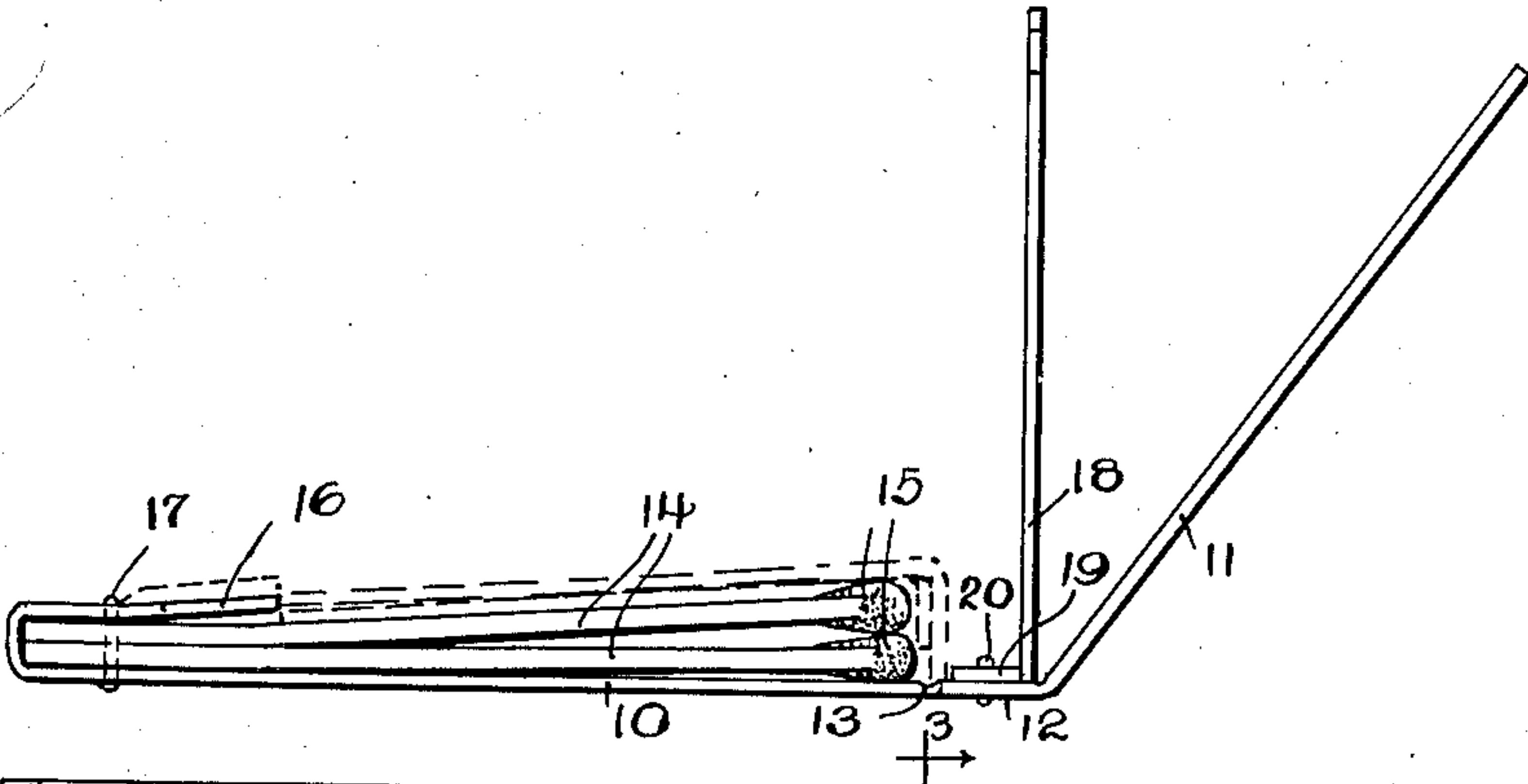


Fig. 2

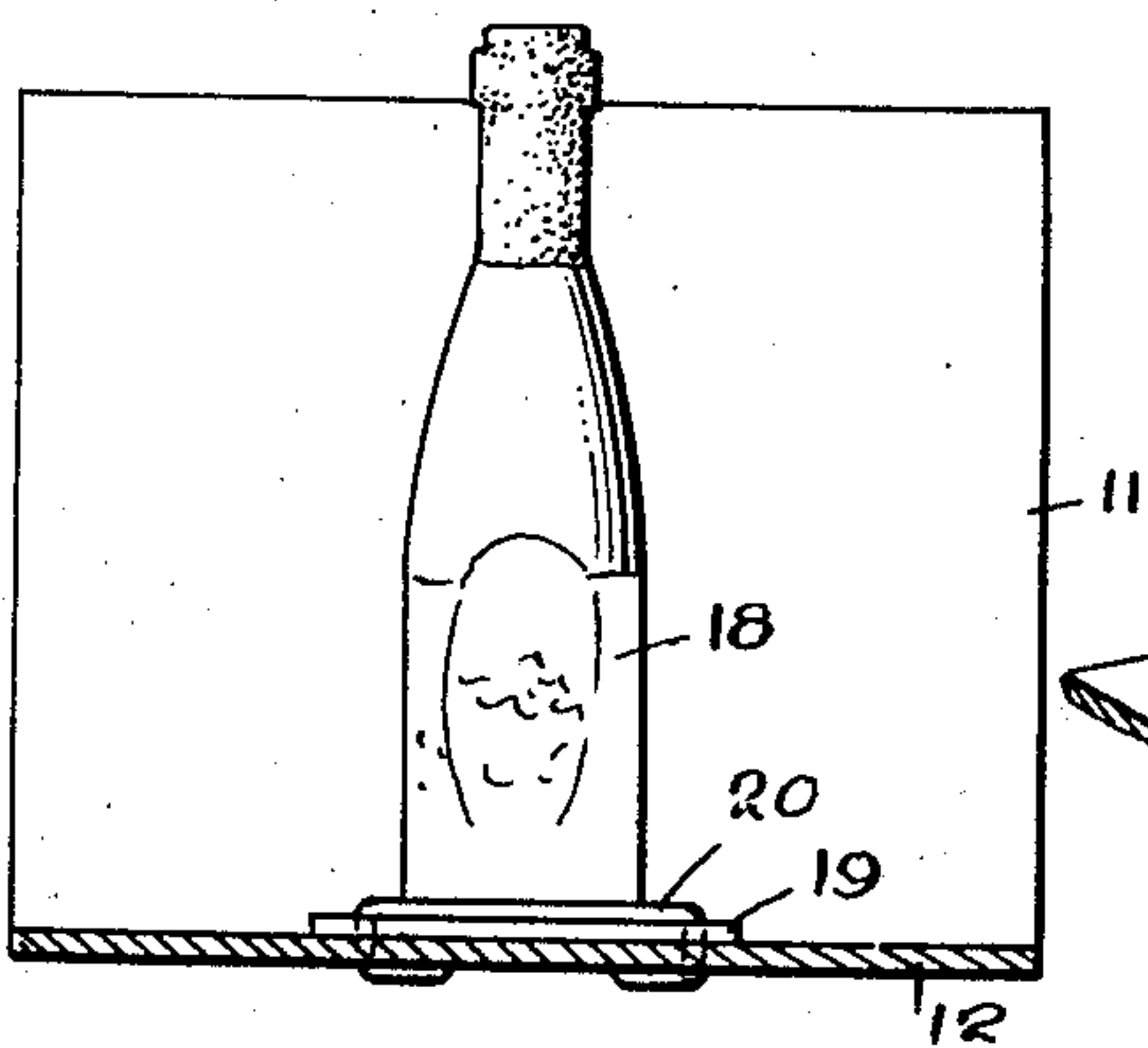
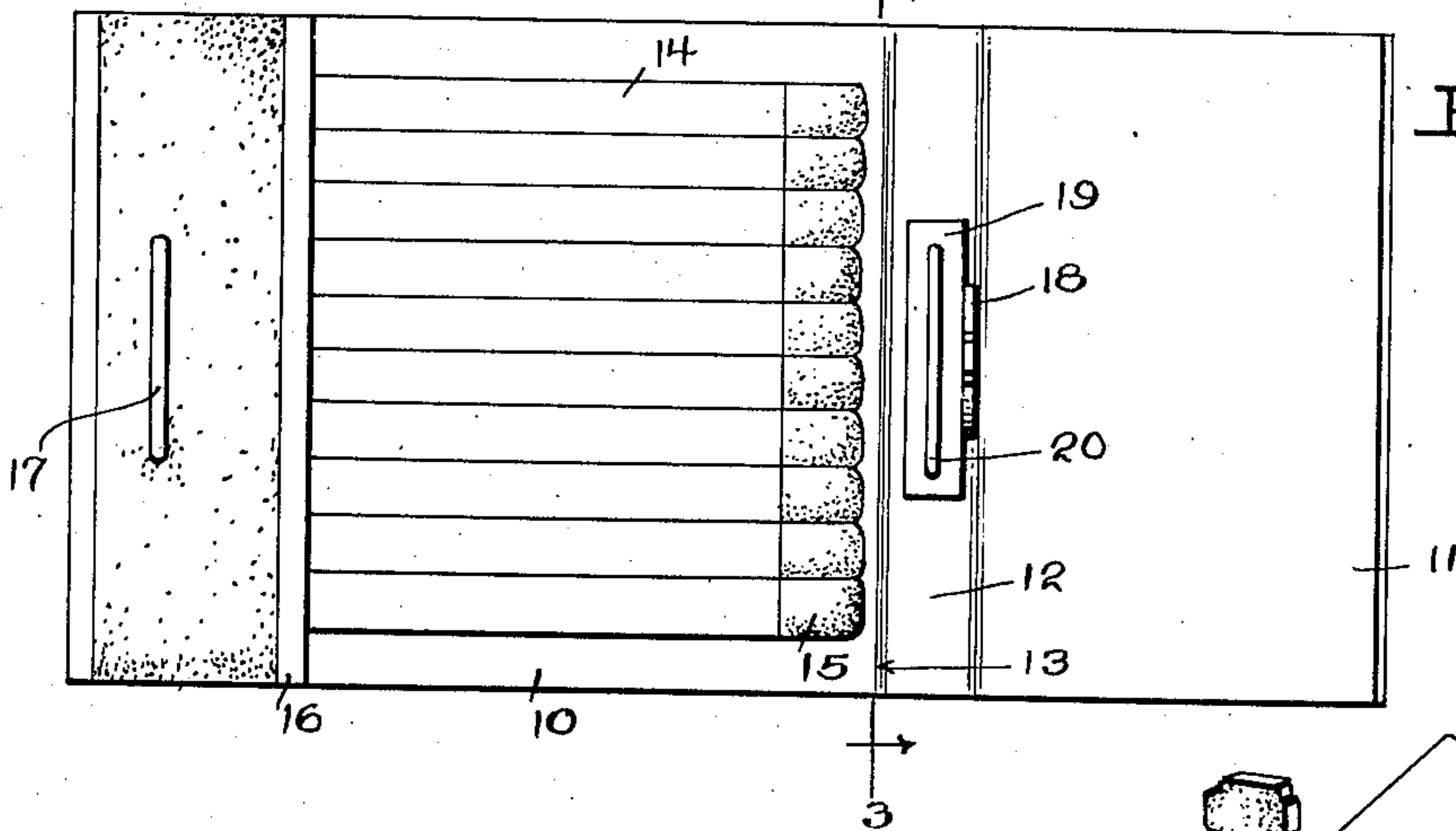
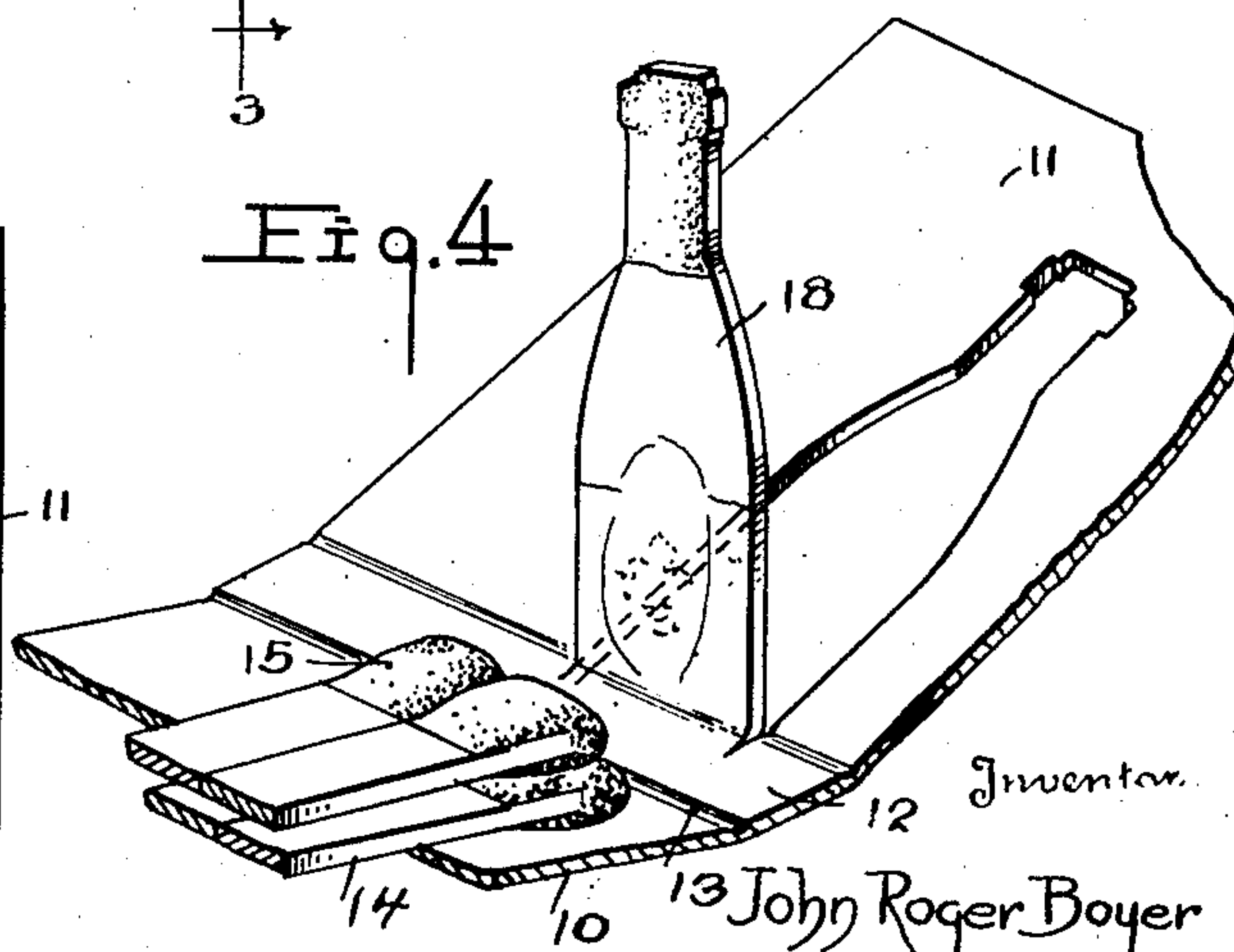


Fig. 3

Fig. 4



By

Walter T. Estabrook

Attorney

UNITED STATES PATENT OFFICE

2,125,268

DISPLAY DEVICE

John Roger Boyer, Beach City, Ohio

Application February 4, 1937, Serial No. 124,124

2 Claims. (Cl. 40-126)

This invention relates to a display device and particularly to self-erecting figures or images which are primarily adapted for location between the covers of a book folder and the like.

5 In the present invention this display figure, image or design is employed with a paper match book or folder wherein the image or design is so mounted on the back of the book or folder that when the cover is swung to open position, the
10 image or figure will automatically assume an erect or vertical position with respect to the back and cover.

The invention consists of certain novel features of structure and combination of parts which will
15 be hereinafter described and pointed out in the claims and the accompanying drawing.

Fig. 1 is a view in side elevation showing the book or folder in open position;

20 Fig. 2 is a view in top plan with one of the covers swung to open position;

Fig. 3 is a view in cross section taken on line 3-3 of Fig. 2; and

Fig. 4 is a detail sectional view in perspective of a slightly modified form.

25 The book or folder consists of two covers 10 and 11 made from a single strip of paper which are joined by a back 12 at their inner ends. The covers 10 and 11 are folded along the edges of the back 12, so that the two covers are disposed in
30 parallel relation, or the paper strip may be scored as at 13 for forming the folding edge between the covers and the back 12. Mounted upon the cover 10 are rows of paper matches 14 provided with igniting heads 15. These matches 14 are
35 held upon the cover 10 by having the outer free end of this cover folded over upon the matches as at 16 and a staple 17 passes through the cover 10, matches 14 and folded portion 16 for securing the matches to the cover.

40 Mounted upon the back 12, as illustrated in Figs. 1, 2 and 3, is a strip 18 bearing a figure or image which in this instance represents a bottle. This figure or image is preferably made of paper and is provided with a base or flange 19. This
45 base or flange is made integral with the strip or figure 18 and is attached to the back 12 by means of the staple 20, although it may be secured to the back by means of an adhesive such as glue. When the folder or match book is in closed position as indicated by the dotted lines in Fig. 1, the
50 strip or figure 18 overlies the matches 14, as the figure is positioned adjacent to the folding edge of the cover 11, the back 12 being of sufficient width to permit the matches to be freely disposed
55 between the two covers. The figure or strip 18

is of less height than the cover 11, so that it does not in anywise interfere with the cover being brought to a position to overlie the matches and engaged by the overturned edge or portion 16 of the cover 10 for securing the two covers together and confining the figure or strip 18 therebetween. 5

As the cover 11 is released from the cover 10 and thrown to open position for the removal of a match, the strip or figure 18 will be brought to a vertical or perpendicular position, as clearly
10 indicated in the several figures. This is caused by the back portion 12 assuming a position somewhat in conformity to the plane assumed by the cover 10 as the cover 11 is moved to a position away from the cover 10. It will, therefore, be
15 apparent that the strip 18 will always maintain a position substantially at right angles to the back 12 regardless of the position of the covers with respect to each other. The manner of attaching the back 12 to the covers 10 and 11 is
20 optional; that is, the blank or sheet from which the covers and back are formed may not be scored at 13, but simply creased or folded as the cover 10 is brought to closed position for confining the matches and strip or image therebetween. 25

In the modification shown in Fig. 4 the figure or strip 18 is struck up from the cover 10 and a portion of the back 12, so that the back 12 forms the wall support for the strip or figure as is illustrated in the other figures. The figure or strip as supported in this manner, as illustrated in Fig. 4, will function in the same manner as the image or figure attached to the back 12 as in the other figures. 30

It will be obvious that in releasing the cover 11 from the cover 10 that it is necessary to move this cover 11 sufficiently to cause the back 12 to move away from the heads of the matches before the figure will be moved to a vertical or perpendicular position, and as the strip 18 is positioned adjacent the folding edge of the cover 11, it will overlie the matches carried by the cover 10 as the cover 11 is brought into engagement with the portion 16 for securing the free ends of the cover together in closing the match book. 35

I claim:

1. A book comprising a body of flexible material, said body being folded to provide two cover sections and a back portion with the cover sections arranged in superposed relation and with the back arranged at substantially right angles to the cover sections, and a strip bearing a figure or image struck from one of said cover sections and said back and supported by said back, said 50
55

strip forming a part of a cover section and back when the cover sections are in superposed relation and assuming an upright position with respect to said back and separated from a cover section when the cover section is moved to open position.

5 2. A book comprising a body of flexible material, said body being folded to provide two cover sections and a back portion, with the cover sec-

tions arranged in superposed relation, and a strip bearing a figure or image struck from one of said cover sections and said back and supported by said back, said strip being positioned at substantially right angles with respect to the back and maintained in such position whether the book is in closed or open position. 5

JOHN ROGER BOYER.