July 28, 1931. H. G. BUCHAN 1,816,175

STICKER FOR FILING PRINTS IN BINDERS

Filed April 20, 1929

Fig. 1

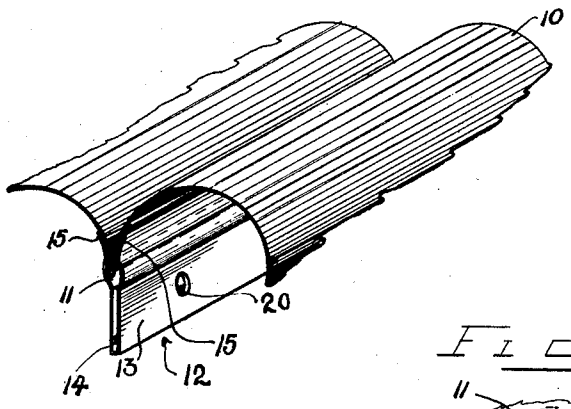


Fig. 3

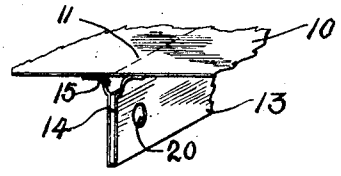


Fig. 2

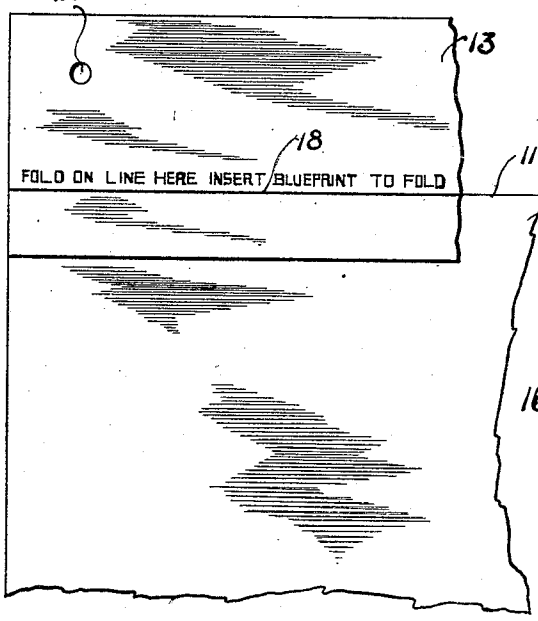


Fig. 4

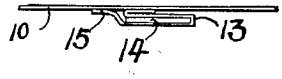
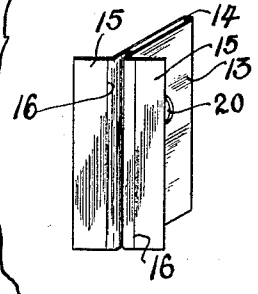


Fig. 5



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UNITED STATES PATENT OFFICE

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STICKER FOR FILING PRINTS IN BINDERS

Application filed April 20, 1929. Serial No. 356,689.

The present invention pertains to a device for facilitating the filing of blue prints or the like in a binder and more particularly to a novel sticker for embracing the blue print at the fold and capable of permitting the blue print to open flat without cracking at the point where it is glued to the sticker.

I have found from experience that the blue prints filed in the ordinary binder tend to crack very readily at the fold in the blue print. Moreover, it is difficult in the usual binder construction and in many cases impossible to open the blue print flat for perusal without removing it from the binder.

The object of the present invention is to provide a sticker adapted to be secured to the folded edge of the blue print and when in the binder capable of permitting the blue print to be opened flat without the necessity of removing it from the binder. Then, too, this sticker is of such a construction that it will strengthen the blue print at the fold and will prevent the blue print from cracking at the point where it is glued to the sticker.

Other objects and advantages of my invention will more fully appear from the following detailed description taken in connection with the accompanying drawings which illustrate one embodiment thereof, and in which:

Figure 1 is a fragmentary perspective view of my novel sticker showing it applied to the folded edge of a print;

Figure 2 is a front elevation of the sticker shown in Figure 1;

Figure 3 is a fragmentary perspective view illustrating how the blue print may be opened flat without disturbing the sticker;

Figure 4 is a fragmentary view illustrating how the sticker may be folded parallel to the flat print to permit of the print being laid flat on a table or the like, and

Figure 5 is a perspective view of the sticker prior to its application to the print and showing the glue on the flaps thereof.

In the drawings:

The reference character 10 denotes generally a folded sheet of paper which may comprise a blue print or the like to be filed in a binder. The fold in the print is designated by the reference character 11. This fold is adapted to be embraced by a sticker of my invention designated generally by the reference character 12.

The sticker 12 includes a folded sheet of relatively flexible paper 13, the sides of which folded strip are secured to a filler 14 by means of an adhesive such as glue. The free ends of the sides of the folded strip 13 comprise spaced flaps 15 which extend laterally from the sticker proper. Each flap 15 as shown in Figure 5 is provided on its inner surface with a strip of glue or other adhesive 16 which strip may be a half inch wide.

In use the sticker is applied to the blue print to the folded edge 11 of the blue print in such a manner that the edge 11 of blue print 10 extends to the line 18 shown in Figure 2. This line is stamped on one side of one of the flaps 15. The indicia "Fold on line here insert blueprint to fold" may be stamped on the flap 15 adjacent the line 18. This means that the flap 15 is folded outwardly on the line 18.

Obviously, the strips of glue 16 are initially moistened before the blue print 10 is inserted therebetween. Moreover, after the folded edge 11 of the blue print 10 is placed between the flaps 15 and properly aligned therewith, the flaps 15 are pressed into firm contact with the adjacent sides of the blue print to cause the adhesive to secure the flaps to the print.

Also, if it is so desired, the folded strip 13 may be provided with a plurality of perforations 20 extending clear through the filler 14. These perforations may be utilized to receive the clamping rings or rods of the binder. Of course, it is to be understood that the stickers may be mounted in a binder which does not utilize clamping rings or the like without deviating from the features of the invention.

When the blue print and sticker are mounted in a binder, the blue print may be referred to and folded out flat without the necessity of removing it from the binder.

The sticker, through the means of the two flaps 15 firmly secured to the blue print, functions to prevent the blue print from becoming cracked at the fold 11 as is commonly the case in the usual binder. That is to say, the flaps 15 will resist the tendency of the sides of the blue print being drawn apart or in other words tie the sides together at the bend 11. Also should it become necessary to remove the blue print and sticker from the binder, the blue print may be folded out flat on a table with the strip 13 of the sticker disposed substantially parallel to the flat print as shown in Figure 4. This means that the sticker will not interfere with the flattening of the print on a table. Then, too, if it is so desired the sticker 12 may be provided with suitable indicia indicating the file location of the print in the binder. In other words, the sticker may also be utilized as an index tab.

Now, I desire it understood that although I have illustrated and described in detail the preferred form of my invention, the invention is not to be thus limited, but only in so far as defined by the scope and spirit of the appended claims.

I claim as my invention:

1. The combination of a folded sheet of paper, and means secured to the folded sides of the sheet near the folded edge thereof whereby the sheet may be filed in a binder and opened out flat while in the binder, the said means including a folded strip of flexible paper, a relatively deep filler between the folded sides of the strip and positioned adjacent the fold of the strip, the said folded strip being secured to the said filler to form a relatively stiff portion of the strip adjacent the fold and leaving upstanding flexible flaps above the filler, the said flaps being secured to the folded sheet so that the folded edge of the sheet moves outwardly between them and the flaps are diverged laterally as the sheet is unfolded.

2. As an article of manufacture, a device for mounting a folded sheet of paper, such as a blue print, in a binder, the said device comprising a folded strip of flexible paper, a relatively deep filler member between the folded sides of the strip and positioned adjacent the fold of the strip, the said folded strip being secured to the said filler to form a relatively stiff portion of the strip adjacent the fold and leaving upstanding flexible flaps above the filler, the said flaps having fastening means on their longitudinal margins whereby the said flaps may be secured to the folded sheet of paper so that the folded edge thereof moves outwardly and the flaps diverge laterally when the sheet is opened out flat while the device is in the binder.

3. The method of mounting folded sheets, such as blue prints, in a binder so that the sheet may be opened out flat while in the binder, the said method consisting of fastening a folded strip of flexible material to the sides of the folded sheet near its folded edge so that the folded edge of the sheet is reciprocable between the folded sides of the strip when the folded edge of the strip is held against movement in a binder.

In testimony whereof I have hereunto subscribed my name at Chicago, Cook County, Illinois.

HUGH G. BUCHAN.