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R. R. BROWN

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DEVICE FOR ATTACHMENT TO CONTAINERS

Filed April 17, 1930

Fig. 1.

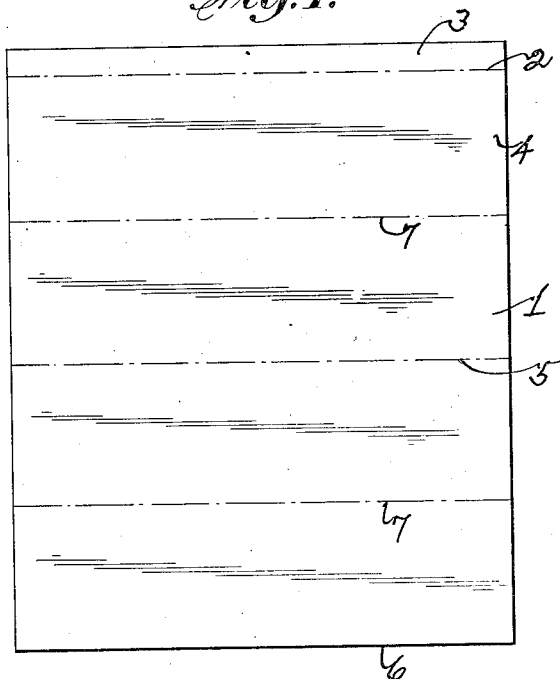


Fig. 2.

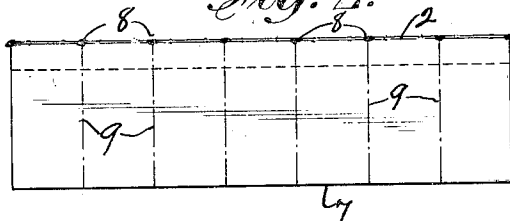


Fig. 4.

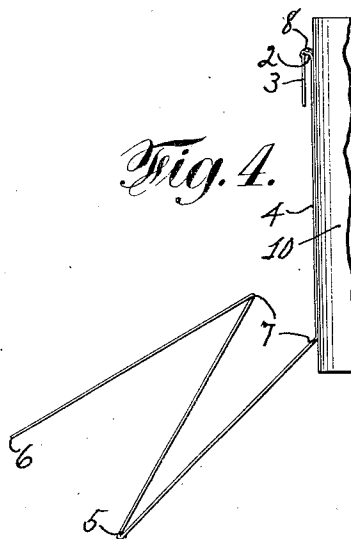
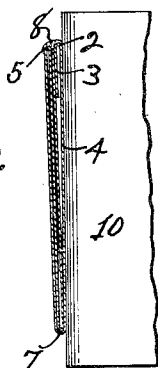


Fig. 3.



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DEVICE FOR ATTACHMENT TO CONTAINERS

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This invention relates to a device that can be cheaply and economically made in quantities and can be easily and readily attached to containers or receptacles such as cans, bottles, jars, packages, etc. The device bears information or advertising matter that can be consulted at will without removing the device from the container or receptacle, and it occupies very little space without marring the appearance of the articles. On the contrary it may even enhance the same or help to ornament it.

By this invention a sheet of flexible material such as paper, for example, may be folded and cut in such a manner that small folders are produced in quantities at very small cost. These folders may be attached to receptacles or other articles and lie flat against the same without appreciably increasing the bulk and the information contained in the folders may be consulted whenever desired.

The invention will be understood from the description in connection with the accompanying drawing in which Fig. 1 is a plan view of a sheet from which the folders are made; Fig. 2 is a plan view of the folded sheet; Fig. 3 is a sectional view showing one of the folders in place; and Fig. 4 is a view similar to Fig. 3 showing the folder partially opened.

In the drawing reference character 1 indicates a sheet of paper, although it is to be understood that sheets of other material may be used. The sheet 1 is folded along the line 2 near one edge of the sheet and parallel thereto so that the short fold 3 lies against the sheet or the portion 4. The sheet 1 is then folded along the line 5 half way between the line 2 and the edge 6 of the sheet so that the edge 6 is even with the line or bend 2. The double sheet is again folded along the lines 7 so that the line or fold 5 is even with the line or fold 2 and edge 6. Or, the sheet 1 may be folded first along the line 5 and then along the line 2 so that the short fold 3 will lie outside of the edge 6.

When the sheet 1 is folded at 2 the fibers are broken along the outside or convex side of the bend, or the pores are opened and interstices formed into which liquid or plastic

material may penetrate. This bend may also be abraded as by rubbing it with sandpaper or the like so as to increase its capacity to absorb the liquid or plastic material and also decrease its tendency to spring away from the sheet.

The sheet may be folded in any other suitable way, as the methods described are merely illustrative of convenient ways to fold the sheet, and any convenient or desirable number of folds may be made in it. The folding should, however, be such that at least the outside leaf should have its upper edge even with the line or bend 2. After the sheet has been folded as indicated, for example in Fig. 2, adhesive such as glue, for example, is applied along the upper edge, preferably in spots, as indicated at 8. The glue penetrates the pores along the convex side of the bend and keeps the fold 3 stiffly and somewhat rigidly in proximity to the face of the portion 4 of the sheet 1, and also spreads along the fold 5 so that the folds of the sheet are stuck to the bend 2 to some extent.

The folded sheets are severed along the lines 9 to separate the same into a plurality of individual folders. For this purpose a plurality of the folded sheets may be piled on top of each other and all cut at one time by a plurality of knives that cut each sheet along the lines 9. The spots of adhesive or glue 8 are preferably applied at such positions that the lines 9 pass through the spots of glue so that when the folders are cut apart each one will have its edges stuck together at the ends of the edges for a purpose to be pointed out below.

The sheets 1 may have adhesive applied to the back side of the portion 4 of each sheet so that the individual folders may be attached to a receptacle or the like merely by moistening the adhesive and sticking it on. A folder is shown in Fig. 3 stuck to a receptacle 10, which preferably has a flat surface for this purpose, although creases may be made in the paper to adapt it better for attachment to a curved surface. The folder may be attached to any convenient portion of the receptacle or to the inside cover thereof when the ma-

terial therein will permit this without injury to the folder or to the material.

The sheets 1 are also printed with the desired information thereon, such as recipes, directions for use, advertising matter, etc. before the sheets are folded and in such positions that each folder contains the proper or desired information. After the folders have been attached to the containers and the user
 10 desires to open the same, he can insert his finger-nail or a blade, for example, into the space between the spots of glue 8 and between the fold 3 and fold 5 and by a slight pull the folder can be opened. The folder is shown
 15 partially opened in Fig. 4. When the user has inspected the information on the folder, he can readily fold it back into position and insert the fold 5 and the edge 6 into the space between the short fold 3 and the portion 4 of
 20 the folder and since the adhesive on the convex side of the short fold 3 keeps the same rigid, the folder is kept folded flat against the container and may be readily opened and re-folded whenever desired. Of course the folder can be torn off along the lower edge of the portion 4 and discarded when it is no longer needed.

I claim:

1. In a device of the character described, a folder having a short fold bent from the body portion of said folder at one end and stiffening material in the pores at the bend to keep said fold in proximity to the main portion of said folder.
2. In a device of the character described, a folder having a plurality of folds, and adhesive means to cause the portion of one of said folds where a bend is made to adhere to another portion of said folder.
3. In a device of the character described, a folder having a short fold at one end, stiffening material in the pores at the bend where a fold is formed to keep said fold in proximity to the main portion of said folder, and a
 45 plurality of longer folds adapted to have edges thereof inserted between said short fold and the main portion of said folder.
4. The process of making a folder which comprises bending a sheet of flexible material
 50 near one edge and applying adhesive material capable of hardening into a dry mass to the convex surface of the bend.
5. The process of making a folder, which comprises bending a sheet of flexible material near one edge and folding the remainder of the sheet into longer folds with edges terminating at said bend, and applying adhesive material capable of hardening into a dry mass to said bend and edges.
- 60 6. The process of making a folder which comprises bending a sheet of flexible material near one edge thereof and applying where said sheet is bent adhesive material capable of hardening to keep said bent portion
 65 in place.

7. A folder having a back cover, a short fold connected to one end of said back cover, a front cover connected at one end to the other end of said back cover, said front cover being of sufficient length to extend beyond the free edge of said fold, and a fold connected to the other end of said front cover.

8. A folder having a back cover, a short fold connected to one end of said back cover, a front cover connected at one end to the other end of said back cover, said front cover being of sufficient length to extend beyond the free edge of said fold, and a plurality of folds connected to each other, one of which is connected to the other end of said front cover.

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