March 9, 1937. R. J. DEWAR ET AL 2,073,337

LOOSE LEAF BINDER

Filed Oct. 15, 1934

FIG. 1

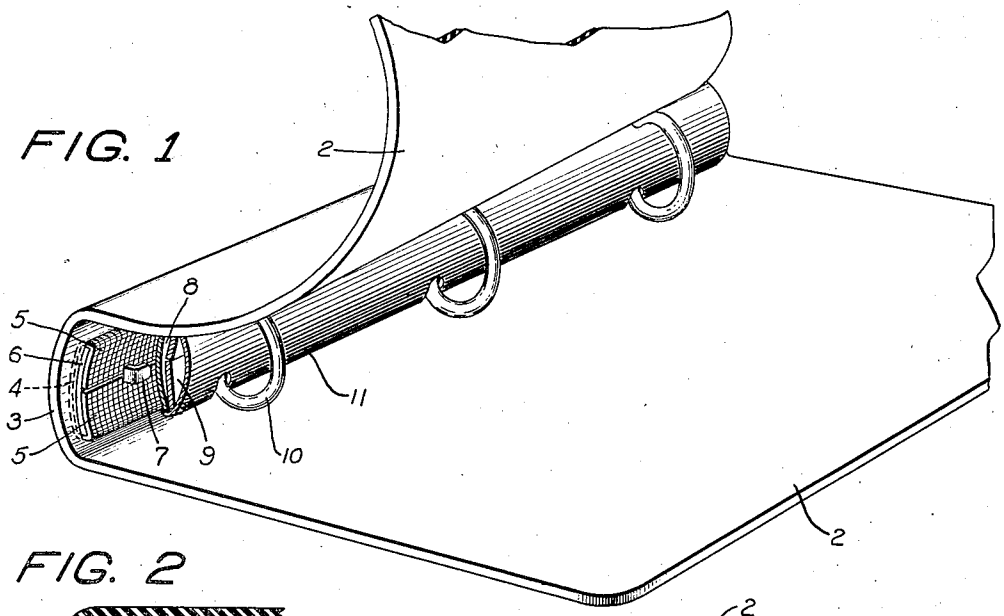
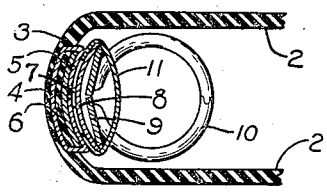


FIG. 2



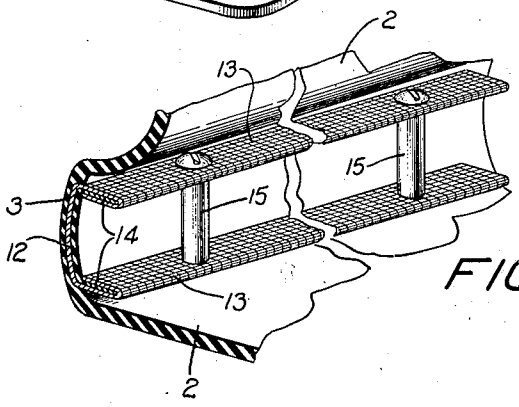


FIG. 3

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LOOSE LEAF BINDER

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2 Claims. (Cl. 129—1)

This invention relates to a loose leaf binder, and more particularly to means for securing sheet retaining structure to the back member.

It is an object of this invention to provide a loose leaf binder with a cover and back member of moldable material. It is a further object of this invention to provide a resilient back member with permanently secured means for holding sheet retaining structure against said back member. Other objects of this invention will become apparent upon reading the following description, taken in conjunction with the accompanying drawing, in which

Figure 1 is a perspective view of a binder embodying the invention with parts broken away to facilitate illustration of the structure;

Figure 2 is a fragmentary cross sectional view through the binder of Figure 1; and

Figure 3 is a fragmentary perspective view of another embodiment of the invention.

In the drawing, the reference numeral 2 indicates a pair of cover members formed integrally with a back member 3 of rubber or similar material. The rubber is vulcanized relatively soft to form a resilient cover and back member that will not chip off or scratch any surface upon which the binder is handled. The back member is reinforced by means of a strip 4 of fabric or similar material embedded in the rubber prior to the vulcanization. A pair of flaps 5 extending from the edges of the strip 4 project out of the plane of the back member.

A metal plate 6 is secured to the back member 3 by means of the flaps 5 which are folded over and cemented to the plate. The metal plate 6 is provided with a plurality of upstanding tongues 7 which are adapted to be inserted through slots (not shown) in a back plate 8 and then bent over against the back plate to hold the back plate against the back of the binder. A pair of toggle plates 9, sheet retaining prongs 10 carried by said toggle plates, and a cover plate 11 are secured to the back plate 8 in any conventional manner.

The embodiment of the invention illustrated in Figure 3 differs from that of Figure 2 only in that the strip of material 12, corresponding to the strip 4 of Figure 2, is provided with flaps 13 projecting about twice as far as the flaps 5 project. Each flap 13 is folded back and preferably adhered to a reinforcing strip 14 which may be formed of thin metal, vulcanized fiber or similar material. The reinforced flaps 13 are adapted to carry any suitable type of sheet retaining means. A pair of Chicago screw posts 15 are shown merely because of the simplicity of the structure. If desired, a sliding bar might be secured to one of the flaps 13 to engage the heads of posts secured to the other flap. Many similar types of sheet retaining structures are well known in the industry. However, it is not believed necessary to illustrate any other sheet retaining structures because the invention resides in the means for securing the flaps 13 to the back 3 rather than in any means for securing sheets between the flaps 13.

From the foregoing it will be seen that we have provided a loose leaf binder with a soft resilient back and covers in which the back is reinforced so as to possess sufficient rigidity to keep its shape and to prevent the separation of the back from the sheet retaining means. Although we have described several embodiments of our invention in detail, it will be understood that the description is illustrative, rather than restrictive, as many details may be modified or changed without departing from the spirit or scope of the invention. Accordingly, we do not desire to be restricted to the exact construction described, except as limited by the appended claims.

We claim:

1. In a loose leaf binder, a soft resilient molded back member, a pair of cover members integral with said back member, and a strip of material embedded in said back member with flaps projecting beyond the surface of said back member, said flaps being reinforced to retain sheet retaining structure.

2. In a loose leaf binder, a soft resilient molded back member, a pair of cover members integral with said back member, and a strip of material embedded in said back member with flaps projecting beyond the surface of said back member to facilitate the securement of sheet retaining means in said binder.

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