May 9, 1933. F. G. BOLTON 1,908,109

BOOKBINDING

Filed Aug. 6, 1931

Fig. 1

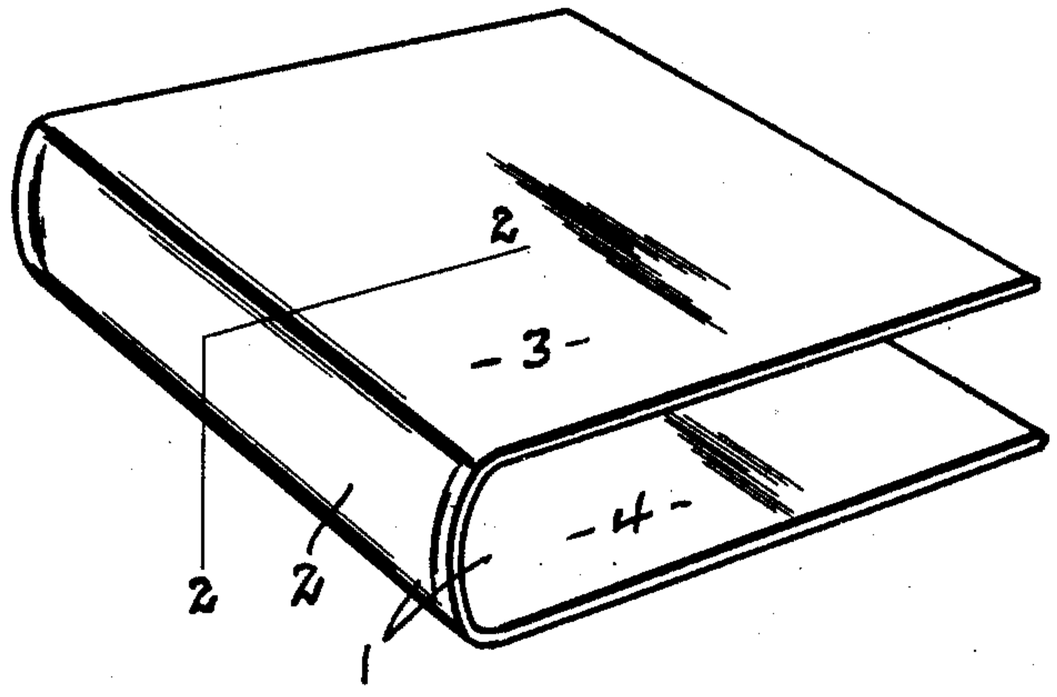


Fig. 2

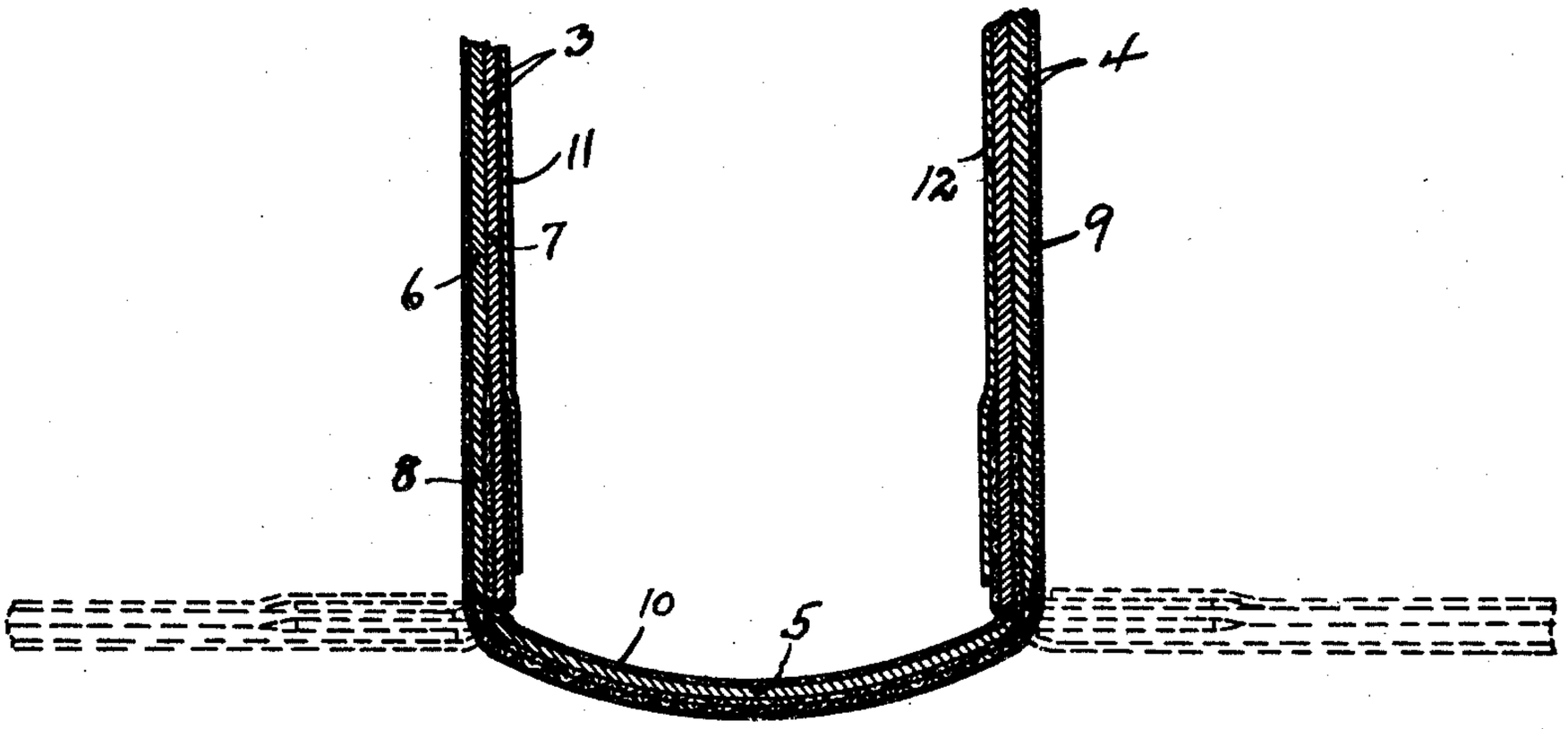
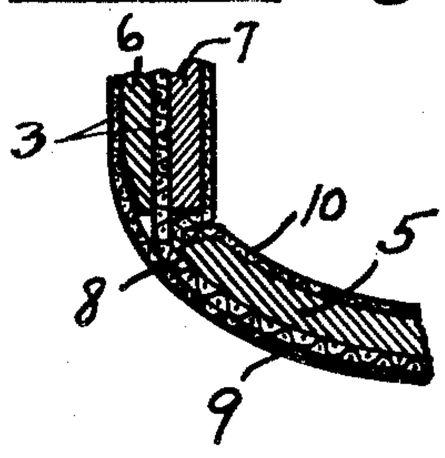


Fig. 3



WITNESS

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UNITED STATES PATENT OFFICE

FLOYD G. BOLTON, OF SYRACUSE, NEW YORK, ASSIGNOR TO McMILLAN BOOK COMPANY, OF SYRACUSE, NEW YORK, A CORPORATION OF NEW YORK

BOOKBINDING

Application filed August 6, 1931. Serial No. 555,470.

This invention relates to a new and improved bookbinding.

My invention is directed particularly toward the type of book binding in which the covers are secured to the back by a member composed of flexible material such as canvas, which member functions as a hinge for the cover.

In all of the binders of this character known to the art, no provision is made for preventing the covers when in the closed position from sliding rearwardly along or past the outer edges of the back members, and this frequently results in the weakening or perhaps even tearing the flexible cover-securing member which impairs the usefulness and appearance of the book.

The main object of my invention is to provide a bookbinder in which the relation of parts is such that when the covers are in the closed position, they cannot be moved along or past the outer edges of the back member.

Other objects and advantages relate to the details of form and arrangement of parts, all as will more fully appear from the following description taken in connection with the accompanying drawing in which:—

Figure 1 is a perspective view of my improved bookbinding.

Figure 2 is a section on line 2—2 of Figure 1.

Figure 3 is a fragmentary enlarged section similar to Figure 2.

The bookbinding 1 has a back 2 and opposed covers 3 and 4.

The back of my bookbinding has a foundation of an elongated plate 5 preferably of metal, and also preferably slightly concave in cross section, although a flat plate may be used if desired.

The covers 3 and 4 are constructed in a similar manner so that a description of one will be a description of the other.

Cover 3 is formed from two pieces 6 and 7 of bookbinder's board which are secured together as by glueing or in any suitable manner.

A strip 8 of canvas or other flexible material is adhesively secured to the outer face of back member 5 and has one end secured between the members 6 and 7 of cover 3, and has the other end secured between the similar pieces of bookbinder's board which form the cover 4.

The rear face of back 2 and the outer faces of covers 3 and 4 have secured thereto, a covering member 9 of leather, canvas or other appropriate material.

To the inner face of back member 5, I secure a covering strip 10 of canvas or paper, or other appropriate material which extends upwardly a short distance on the inner faces of covers 3 and 4.

The inner face of cover 3 has secured thereto a covering sheet 11 of paper or other appropriate material which has one edge overlapping the covering strip 10.

A similar covering sheet 12 is secured to the inner face of cover 4 in the same manner.

On Figure 2, I have indicated the covers 3 and 4 in heavy lines in the closed position, and in dotted lines in the open position.

Referring to Figure 3, it will be seen that when cover 3 is in the closed position, the inside piece of bookbinder's board 7 has its edge abutting directly against the edge of the back member 5, the covering strip 10 being folded in between. It will also be seen that the flexible strip 8 is in this position taut so that it holds the cover 3 from a sliding movement on the leaves towards or from the back member 5.

I have here shown the flexible strip 8 as being secured between the two pieces of bookbinder's board 6 and 7, but such strip could, if desired, be secured to the outer face of the bookbinder's board 6 and still hold the parts in the relation just described, although for the sake of the appearance of the book, I prefer to have the outer covering 9 placed directly on the outer face of the bookbinder's board 6.

It will be seen that the object of my invention is to provide a structure in which the parts are so arranged that when the covers are in the closed position, their rear edges or portions thereof will abut against the edge of the back and will be tightly maintained in that position so that there is no possibility

of movement of the covers along the outer edge of the rigid back member.

I have not here shown any leaves nor any means for securing leaves in the bookbinding, but it will be understood that this may be accomplished in any conventional way, my invention being directed to the bookbinding itself, altho the binding shown is particularly designed or assembled in the well known ring book of spring back type.

I claim:

1. A bookbinding comprising a back member, opposed covers, said covers being composed of outer and inner boards secured together and a sheet of flexible material secured to the outer surface of the back member and having an edge secured to a cover intermediate the outer and inner boards.

2. A bookbinding comprising a back member, opposed covers composed of inner and outer boards secured together and a sheet of flexible material having its central portion secured to the outer surface of the back member, and an edge secured to a respective cover intermediate the outer and inner boards thereof.

3. A bookbinding comprising a back member, opposed covers composed of outer and inner boards secured together, and a sheet of flexible material secured to the outer surface of the back member and having an edge secured to a cover intermediate the outer and inner boards thereof, the inner edge of said covers forming a shoulder adjacent the inner face of the flexible material adapted to abut against opposed edges of the back member when the covers are in the closed position.

In witness whereof I have hereunto set my hand this 27th day of July, 1931.

FLOYD G. BOLTON.