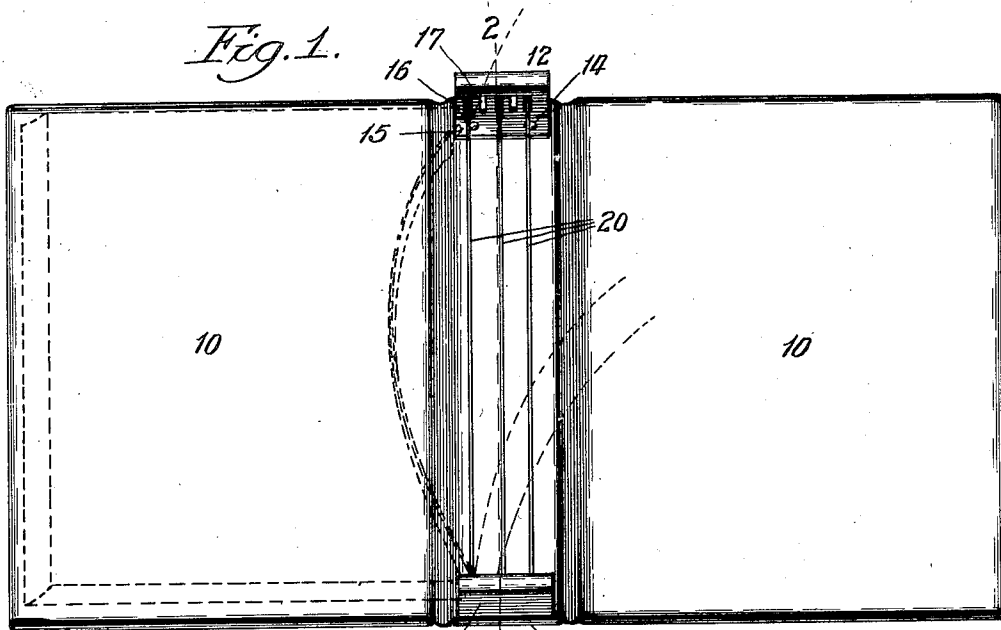
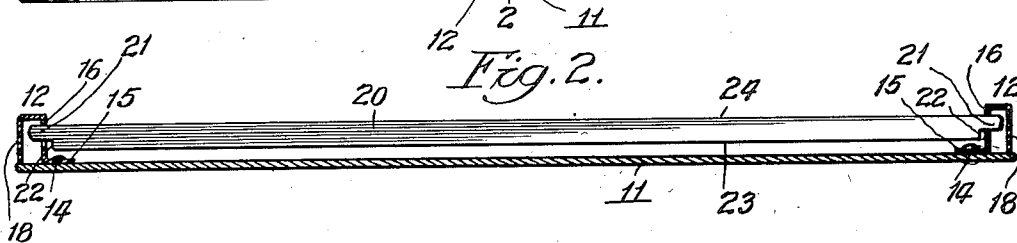
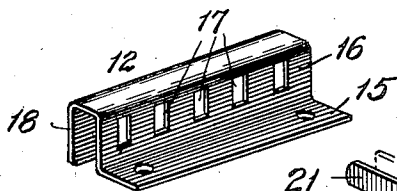
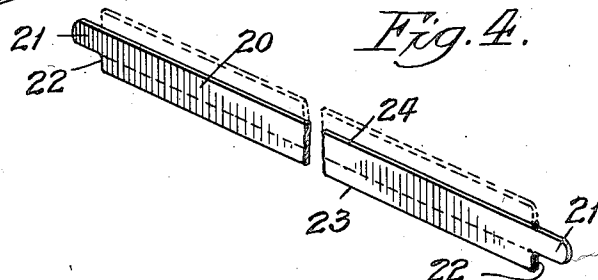


J. R. TURNER.
 TEMPORARY BINDER.
 APPLICATION FILED AUG. 1, 1914.

1,132,231.

Patented Mar. 16, 1915.



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UNITED STATES PATENT OFFICE.

JAMES R. TURNER, OF CHICAGO, ILLINOIS.

TEMPORARY BINDER.

1,132,231.

Specification of Letters Patent.

Patented Mar. 16, 1915.

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To all whom it may concern:

Be it known that I, JAMES R. TURNER, a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Temporary Binders, of which the following is a full, clear, and exact description.

The invention relates to temporary binders and more particularly to that type in which one or more flexible strips are employed to hold magazines, newspapers or the like, in a cover.

One object of the present invention is to provide an improved temporary binder in which a resilient plate or strip is removably held at both ends in brackets or plates secured to the ends of the cover.

Another object of the invention is to provide a temporary binder of this character in which stop-means are provided on the resilient blade or strip whereby it will be held against longitudinal displacement from the plates or brackets in which said strips are removably held.

A further object of the invention is to provide an improved binder in which a flat, resilient blade is employed and in which the blade is reversibly held in the brackets or plates on the back of the cover, so that when the blade is held in one position, the operative edge of the blade—that is the edge which is disposed between the pages and over the binding—will be disposed in closer relation to the back than when it is held in a reversed position. By means of these reversible blades, the binder is adapted to hold books, which vary in thickness at the bound points or papers of different thickness.

Another object of the invention is to provide an improved temporary binder, which is simple in construction, efficient in operation and which can be produced at a low cost.

The invention consists in the several novel features hereinafter set forth and more particularly defined by claims at the conclusion hereof.

In the drawings: Figure 1 is a perspective of a temporary binder embodying the invention. Fig. 2 is a section taken on line 2—2 of Fig. 1. Fig. 3 is a perspective of one of the plates for removably holding the resilient blades. Fig. 4 is a perspective of one of the resilient blades or strips.

The temporary binder usually comprises

a cover consisting of sides 10, and a connecting back 11 of suitable size to hold the magazine or papers for which the binder may be designed. At each end or at the top and bottom of the back, there is secured, by rivets 14, a blade-holding plate 12. This plate comprises a base-flange 15, fitting on the back of the cover and secured thereon by rivets 14, and a wall or portion 16 extending at right angles from the base portion. Rectangular slots 17 in any desired number, according to the number of holding strips it may be desired to use, are formed in wall 16. Normally, the strips are greater in length than the distance between walls 15, so that they will span the space between said walls with their ends extending outwardly therefrom.

The bound back of the book or pamphlet is placed on the back 11 of the cover with the top and bottom edges of the leaves disposed adjacent to and between the inner walls of plates 12 respectively. Each strip or blade 20 is adapted to be bowed, as indicated by dotted lines in Fig. 1, for the insertion of its ends into holes 17 of the brackets and their removal therefrom. To insert a strip to hold the papers or book in the cover, one end of the strip is placed in one of the brackets and then it is bowed or bent so that the other end thereof will be brought inwardly sufficiently to enter the oppositely disposed hole 17 in the oppositely disposed bracket, or the strip may be bowed sufficiently to simultaneously bring both of its ends inwardly of plates 16 of the brackets, respectively. When the strip has been thus bowed and is released, it will assume a straight position and fit between the leaves of the matter being bound and will be held straight by the leaves. To remove the book, it is only necessary to grasp the central portion of the strip and bend or bow it laterally so that its ends will be withdrawn and then the strip can be swung about its other end away from the book sufficiently to permit longitudinal withdrawal from the oppositely disposed hole. Holes 17 are preferably made a little wider than the thickness of the strip so as to fit loosely around the strip, so that the strip can be turned slightly to facilitate the insertion and removal of the strip when the book is in place. Holes 17 in walls 16 are spaced above the back of the cover sufficiently to accommodate the shoulder 22 on the blades and to ac-

commodate the leaves between the blade and the book. Resultantly, if the blades are placed in the plates so that the shoulders 22 will be disposed adjacent the back of the cover, the lower or operative edge of the blade 23 will be disposed in close relation to the back and will, in such position, be adapted to hold a small number of folded leaves or a book in which the stitching at the back is disposed in close proximity to the back of the book. If, on the other hand, the blade is reversed so that the shoulders 22 will be disposed above holes 17, so as to engage the plate above said holes, the opposite edge 24 of the blade will serve as the operative holding edge and will be disposed in position to hold a greater number of leaves or a book in which the back stitching is disposed farther from the back of the book. In either position, the shoulders 22 are operative to hold the blades against sufficient longitudinal or endwise movement to permit the terminals to slip out of walls 16 of the plates when the blades are held in the book. If desired, plate 12 may be extended to form an outer wall 18 which covers and conceals the terminals 21.

The invention thus exemplifies a temporary binder, including blades or strips, which are removably held in plates at the top and bottom of the back of the binder and in which stops are formed on the blades for engaging the plates to hold the blades against endwise displacement from the plates. The invention also exemplifies a binder which has both of its ends removably held in place and is reversible to adapt it for holding different thicknesses of papers. It will be understood that, if desired, only a single blade may be employed in lieu of several blades, as illustrated.

The invention is not to be understood as restricted to the details set forth, since these may be modified within the scope of the appended claims, without departing from the spirit and scope of the invention.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent, is:

1. A binder comprising a back, a strip-holding device at each end of the back having a hole therein, and a flat resilient holding strip having its ends formed to pass outwardly through said holes and being removable therefrom by inward withdrawal and bending of the blade, said blade being reversibly held to bring either of its edges into operative relation to the back, and

formed with terminals adapted to be held in the holes and whereby the edges of the strip will be disposed in different positions relatively to the back.

2. A binder comprising a back, a plate at each end of the back having a hole therein, and a flat resilient holding strip having its ends formed to pass outwardly through said holes and being removable therefrom by inward withdrawal and bending of the blade, said blade being reversible to bring either of its edges into operative position adjacent the back and formed with terminals adapted to be held in the holes and whereby the edges of the strip will be disposed in different positions relatively to the back.

3. A binder comprising a back, a device at each end of the back having a hole therein and a flat resilient holding strip formed so it may be bowed to bring its ends inwardly of said devices and having its ends formed to spring outwardly into said holes and being removable by inward withdrawal of its ends from the holes by bending of said strip, and having means thereon disposed to engage the inner faces of said devices respectively to limit the endwise movement of the blade.

4. A binder comprising a back, a plate at each end of the back having a hole therein and a flat resilient holding strip, formed so it may be bowed to bring its ends inwardly of said plates and having its ends formed to spring outwardly through said holes and being removable by inward withdrawal of its ends from the holes and bending of said strip and having shoulders disposed to engage the inner faces of said plates respectively to limit the endwise movement of the blade.

5. A binder comprising a back, a plate at each end of the back having a hole therein and a flat resilient holding strip formed so it may be bowed to bring its ends inwardly of said plates and having its ends formed to spring outwardly through said holes and being removable therefrom by inward withdrawal from the holes and bending of said strip, and having stop-shoulders on the strip, each of said plates comprising an inner wall in which said hole is formed, an outwardly extending wall and a wall outside of the end of the strip.

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