Nov. 20, 1934. F. J. OSUCH 1,981,280

BOOK COVER

Filed April 24, 1933

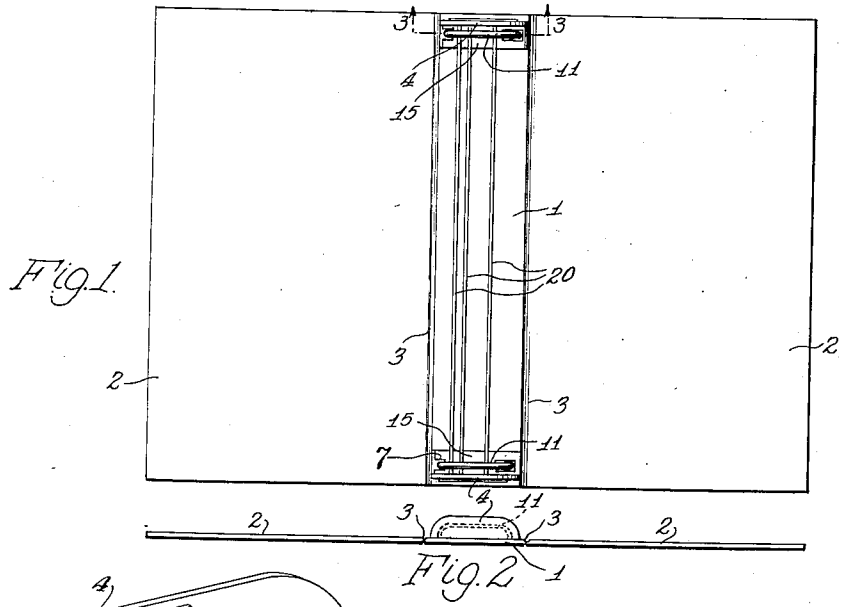


Fig. 1.

Fig. 2.

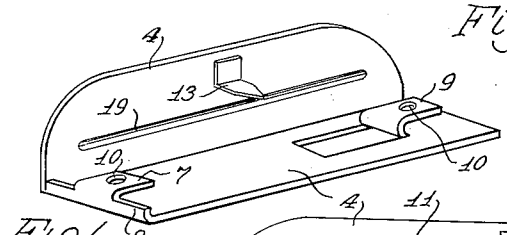


Fig. 6.

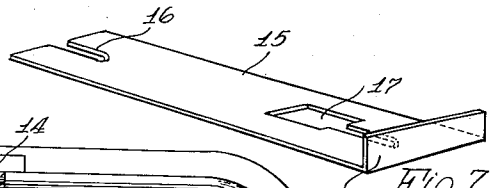


Fig. 7.

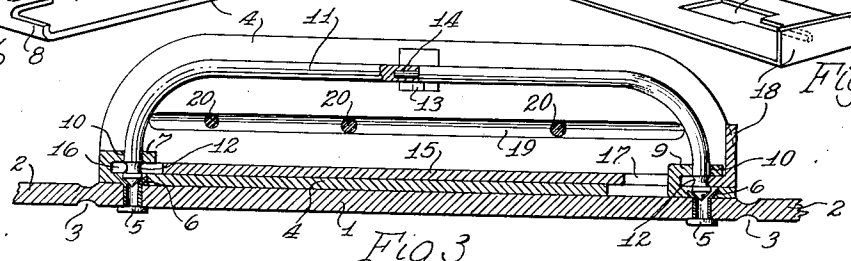


Fig. 3.

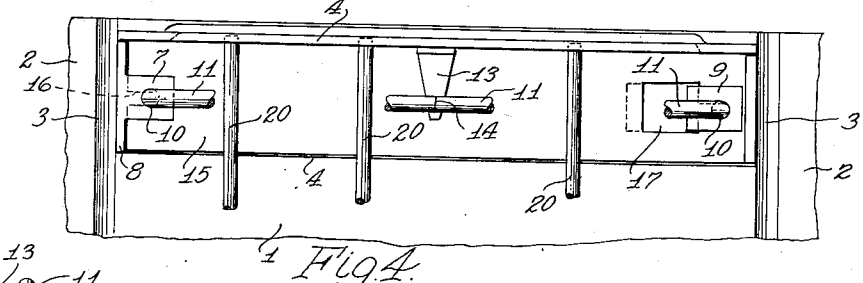


Fig. 4.

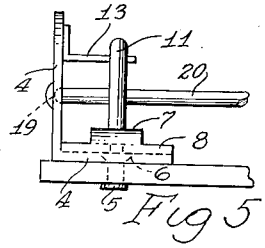


Fig. 5.

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Patented Nov. 20, 1934 1,981,280

UNITED STATES PATENT OFFICE

1,981,280

BOOK COVER

Francis John Osuch, Detroit, Mich.

Application April 24, 1933, Serial No. 667,521

6 Claims. (Cl. 129—1)

The present invention relates to a novel book cover adapted to be applied to a bound volume, such as a directory, or for enclosing loose sheets of paper, and more particularly to a device for supporting a telephone directory by means of index sheets, such as shown in my prior Patent No. 1,900,462, issued March 7, 1933.

The primary object of the present invention is to provide a sturdy and attractive cover that may be readily applied to bound volumes in a manner permitting its use repeatedly on successive editions. In this connection the invention provides bowed rods, similar to those shown in my prior Patent No. 1,900,462, wherein index sheets are provided with apertured tabs through which the bowed rods extend to secure the sheets within the cover in which the bowed rods are secured, these index sheets being the means of securing a bound volume within the covers. In order to facilitate easy removal of such bowed rods and to permit the same covers within which they are secured to be applied quickly and easily to another volume, the present invention provides a novel means for securing such bowed rods within the covers, and such means constitutes an improvement over the above mentioned patent.

With the above and other ends in view the invention consists in matters hereinafter set forth and more particularly pointed out in the appended claims, reference being had to the accompanying drawing, in which—

Figure 1 is a plan view of the present cover in an open position;

Fig. 2 is an end view corresponding to Figure 1;

Fig. 3 is a fragmentary cross section taken along the line 3—3 of Figure 1;

Fig. 4 is an enlarged fragmentary plan with parts broken away;

Fig. 5 is a fragmentary side elevation;

Fig. 6 is a perspective view of an angle bracket, and

Fig. 7 is a perspective view of a locking plate.

Like characters of reference are employed throughout to designate corresponding parts.

The present cover comprises a central back piece 1 and sides or flaps 2 hingedly attached to the longitudinal edges thereof, or as illustrated the back and flaps may be constructed as a single integral part that is creased as at 3 to provide the hinge or bending action at the desired point. The back strip 1 is somewhat wider and longer than the back or binding of a book or volume or a plurality of books or volumes to be received within the covers.

To each of the ends of the back strip 1 is secured an angle bracket 4 that extends transversely thereof and is secured thereto by hollow rivets 5, the upper ends of the rivets being counter-sunk as at 6 in counter bores in the upper surface of the bracket so that said upper surface remains smooth. The bracket 4 is formed with an integral finger 7 projecting upwardly from one end thereof and bent to lie in a plane parallel to and spaced from the bracket 4. On the same end of the bracket 4 as the finger 7 is formed an upwardly directed flange 8, and adjacent the other end is formed another finger 9 that corresponds in shape, size and spacing to the finger 7. The hollow rivets 5 are located adjacent the ends of the bracket 4 and apertures are formed in the fingers 7 and 9 and are each directly in line with one of the hollow rivets.

A bowed rod 11 is provided with grooves 12 adjacent its ends and the ends of the rod are inserted through the apertures 10 in the fingers 7 and 9 and enter the hollow rivets 5. A guide finger 13 is secured on the bracket 4 and serves to hold the bowed rod 13 in a position where the grooves 12 are located in the space between the fingers 7 and 9 and the bracket 4. The bowed rod 11 may be formed of one continuous piece, or it may be formed of two pieces, one having a bore and the other having a pilot portion inserted therein as at 14, the object in forming it in two parts not being to alter the function thereof but to permit easy insertion of the rod through perforations in a large number of sheets of paper at one time.

A locking plate 15 has one end received beneath the finger 7, and a slot 16 in that end in which the groove 12 on the rod which is located between the finger 7 and bracket 3 as above described is received. Adjacent the other end the locking plate is provided with a keyhole slot 17 that permits the plate to lie flat on the bracket 4 so that the reduced portion of said keyhole slot may receive the groove 12 in the end of the rod that projects through the finger 9. The locking plate 15 is provided with an upturned flange 18 that serves as a finger piece so that pressure may be applied thereto manually to slide the locking plate on the bracket 4 beneath the fingers 7 and 9.

It is obvious that books, sheets, or folders having apertures therein or apertured tabs thereon, may be assembled on the rods 11 which then have their ends inserted through the fingers 7 and 9 so that they enter the rivets 5, with the grooves 12 in the rods located betweeen the fingers and the brackets. The locking plates 15 are then moved

longitudinally so that the sides of the slots 16 enter the grooves 12 between the fingers 7 and brackets 4, and so that the sides of the reduced portions of the keyhole slots 17 enter the grooves 12 between the fingers 9 and the brackets 4. In this manner the locking plates 15 prevent withdrawal of the ends of the rods from the hollow rivets 5 and fingers 7 and 9.

In order that additional sheets or books may be mounted within the cover without disturbing the rods 11 the brackets 4 are provided with depressions or grooves 19 into which the ends of spring-like flexible rods 20 are inserted by bending the same.

Although a specific embodiment of the present invention has been illustrated and described, it is to be understood that various changes may be made within the scope of the appended claims, without departing from the spirit of the invention, and such changes are contemplated.

What I claim is:

1. A device of the character described including a bracket having spaced apertured members formed integral therewith, a substantially U-shaped grooved member having its ends inserted through the apertures in said spaced members with the groove therein located between said bracket and said spaced members, and a locking plate having a keyhole slot surrounding one of said spaced members and slidable beneath the other of said members, said locking plate having portions received in said grooves and preventing withdrawal of said U-shaped grooved member from said apertures.

2. A book cover including a back strip, a bracket secured to said back strip, said bracket having an aperture therein, an apertured member spaced from said bracket above the aperture in said bracket, a rod extending through said apertured member into the aperture in said bracket, said rod having a groove disposed between said bracket and apertured member, and a locking plate having a keyhole slot surrounding said apertured member and facilitating reception of said plate in the groove in said rod.

3. A book cover comprising a back strip, brackets secured adjacent the ends of said back strip, each of said brackets having a pair of apertures formed therein, fingers spaced above said brackets and provided with apertures, said fingers corresponding in number to the apertures in said brackets, rods having grooved ends extending through the apertures in said fingers into the apertures in said brackets, and a locking plate on each bracket, each locking plate having a keyhole slot permitting movement thereof between one of said fingers and its respective bracket and entering said groove in the end of said rod which is disposed between said respective finger and bracket.

4. A book cover comprising a back strip, brackets secured adjacent to the ends of said back strip, said brackets each having a pair of apertures therein, a pair of fingers spaced above each of said brackets and provided with apertures, a substantially U-shaped rod having grooved ends extending through said fingers into the apertures in each bracket, locking plates, each of said locking plates having relieved portions permitting movement thereof between said fingers and their respective brackets and entering said grooves in the ends of respective rods, said brackets having depressions therein, and flexible rods having opposite ends received in said depressions in opposite brackets.

5. A book cover comprising a back strip, a bracket, hollow rivets securing said bracket adjacent to the end of said back strip, fingers spaced above said bracket and having apertures in line with said hollow rivets, a grooved rod having its opposite ends inserted through said fingers and entering said hollow rivets, and a locking plate having relieved portions permitting movement thereof between said bracket and fingers to enter said grooves in said rod.

6. A book cover comprising a back strip, a pair of brackets, hollow rivets securing said brackets adjacent to the ends of said back strip, a pair of fingers spaced above each bracket and having apertures in line with said hollow rivets, a grooved rod inserted through each pair of said fingers and entering said hollow rivets on respective brackets, a locking plate on each bracket having relieved portions permitting movement thereof between each bracket and its respective fingers to enter said grooves in said rods, said brackets having elongated depressions formed therein, and flexible rods having their opposite ends received in depressions in opposite brackets.

FRANCIS JOHN OSUCH.