Fig. 1

Fig. 2

Fig. 3

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To all whom it may concern:

Be it known that I, CHARLES FRANZ, Jr., a citizen of the United States, and resident of Milwaukee, in the county of Milwaukee, and State of Wisconsin, have invented certain new and useful Improvements in Temporary Binders for Periodicals; and I do hereby declare that the following is a full, clear, and exact description thereof.

This invention relates to temporary binders, and is particularly directed to temporary binders for periodicals, books, or other similar articles, and in the following description and claims it is to be clearly understood that the term book is to include magazine, periodical, paper, pamphlet, what is commonly known as a book, or any of the usual articles of this general nature and, therefore, the term book will be used with this significance to avoid needless repetition.

Objects of this invention are to provide a temporary binder for a book which has no projecting or exposed metal or other portions, which will not scratch a desk, which can not be unlocked without an appropriate instrument such, for instance, as a socket wrench, and which may be quickly manipulated for the insertion or removal of a book by an operator suitably equipped with the appropriate instrument.

Further objects are to provide a binder having covers joined in a secure and firm manner to a body structure of material strength and rigidity, to provide a binder which has an attractive, neat, and finished appearance, in which all of the metal or other portions which would ordinarily come into view are completely covered by a finishing strip, and to provide a binder of this general type which, although possessing these desirable characteristics may, nevertheless, be cheaply and rapidly manufactured.

An embodiment of the invention is shown in the accompanying drawings, in which:

Figure 1 is a fragmentary transverse section through the binder showing a book in position, such view corresponding to a section on the line 1—1 of Figure 2.

Figure 2 is a top view of the binder with portions broken away.

Figure 3 is a sectional view on the line 3—3 of Figure 2.

The binder comprises a channel metal body which includes a back 1, and upper and lower flanges 2 and 3, respectively.

This member is preferably of integral construction and provides the necessary strength and rigidity for the structure. A pair of filler strips 4 and 5 are secured to the outer sides of the flanges 2 and 3.

The covers 6 and 7 may be of leather, composition, treated fabric or other similar material and are preferably flexible. They are integrally joined by a back portion 8, as illustrated in Figure 1. To this back portion, a strip 9 of strong material is secured by means of parallel spaced lines of stitching 10. Also, it may be found expedient and preferable to glue the back 8 to the strip 9 and to glue the strip 9 to the back portion or vertical portion 1 of the channel member or body member. Thereafter, the outer portions 11 of the strip 9 are glued to the outer sides of the strips 4 and 5 and their extreme ends 12 are turned over the ends of the strips and the flanges 2 and 3 of the body portion.

From the construction thus far outlined, it is apparent that the covers 6 and 7 may be opened free of the portions 11 of the finishing strip or attaching strip, and that, therefore, no needless bunching or folding occurs during the use of this binder.

At one end of the apparatus a rivet or bolt 13 is provided and extends through the upper and lower flanges 2 and 3 of the body portion,—the filler strips 4 and 5 being suitably recessed to receive the riveted or enlarged head of the pin 13.

The filler strips, as well as the portions 11 of the attaching or securing strips, are apertured, as indicated at 14 and 14', at the other end of the apparatus. A nut 15 is rigidly secured within an appropriate aperture formed in one of the flanges of the body portion, for instance, the flange 3, see Fig. 3. The nut is adapted to receive the threaded end of a removable pin 16 which is freely passed through an appropriate aperture in the upper flange 2 of the body portion. This pin, it will be noted, is provided with a square or properly faced head 17 which is received within, and completely housed by the aperture 14.

It is to be noted that no apertures are formed through either the upper or lower cover 6 or 7, respectively, but that such covers are imperfect throughout their extent.

The means for directly engaging the book may comprise a pair of flat bars 18 termi-
nating in eyeleted ends. Any number of bars may be provided and may be positioned between certain of the leaves of the books, as illustrated in the drawings. One of the eyeleted ends of each of the bars permanently receives the fixed pin 13 and is adapted to freely rock about such pin when removing or replacing a book. The other of the eyeleted ends of the bars removably receive the threaded pin 16,—being thus locked when such pin is positioned.

In using the binder, it is merely necessary to position the bars 18 between leaves of the book 19 when such bars are rocked outwardly about the pin 13. Thereafter, the book and bars are rocked into position pivoting upon the pin 13 as a center, and the removable pin 16 is slipped into position and screwed fast in the nut 15 thus locking the bars 18 and consequently the book in their correct positions.

It is to be noted that there are no projecting portions liable to scratch or mar polished surfaces, and that the complete article is adequately finished so that an attractive and neat appearance is secured.

It is further to be noted that it is impossible to remove the book without the aid of a socket wrench or a similar instrument adapted to fit within the hole 14 and engage the head 17 of the removable pin; thus the theft of books from these temporary covers or binders is prevented.

Although the invention has been described in considerable detail, it is to be understood that the invention may be variously embodied and is, therefore, to be limited only as claimed.

I claim:

1. A temporary binder for books comprising a rigid, permanently shaped channel body portion having upper and lower flanges adapted to receive a book between them, a pin joining said flanges adjacent one end, a removable pin extending through said flanges adjacent the other end thereof, one end of said pin and the corresponding flange being arranged for interlocking engagement, the other end of said pin being suitably contoured to receive a driving instrument, a locking bar pivotally carried by said first mentioned pin and adapted to be received between the leaves of said books, said locking bar having an apertured free end adapted to receive said removable pin, said body portion having a strip secured to the outer side of one of said flanges and apertured to receive and house the head of said removable pin, and covers secured to said body portion, one of said covers normally and removably closing said aperture in said strip.

2. A temporary binder for books comprising a body portion formed as a rigid channel having upper and lower flanges, pins extending through said flanges adjacent the other end thereof, one of said pins being removable, locking bars adapted to be positioned between the leaves of a book and held by said pin, a securing strip fastened to the back of said body portion and extending inwardly around the inner ends of said flanges and rearwardly towards the back of said body portion, and a cover having upper and lower portions and a back, said back being joined to said securing strip by upper and lower spaced, parallel lines of stitching.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee, in the county of Milwaukee and State of Wisconsin.

CHARLES FRANZ, Jr.