No. 780,904. PATENTED JAN. 24, 1905.

S. H. McVITTY.

TEMPORARY BINDER.

APPLICATION FILED MAY 24, 1904.

Fig. 1.

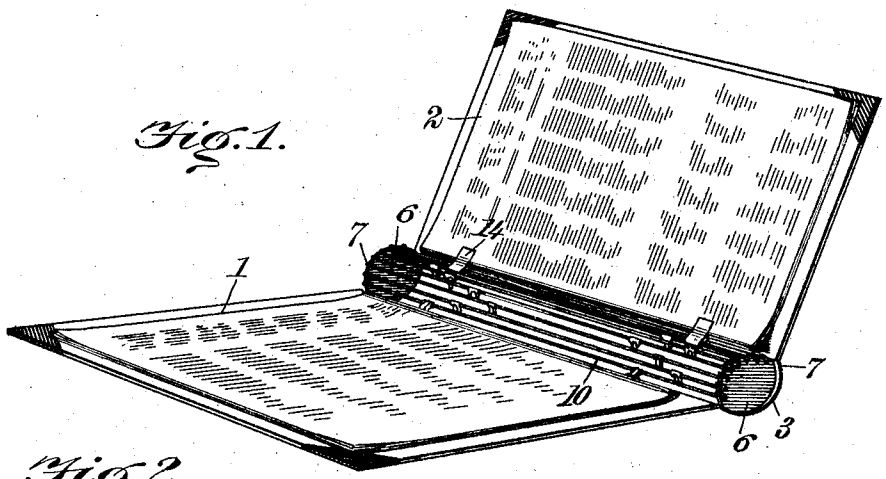


Fig. 2.

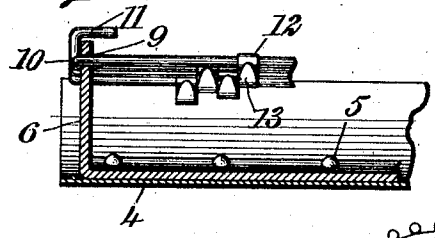
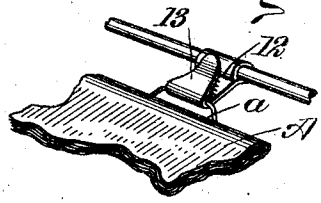


Fig. 3.



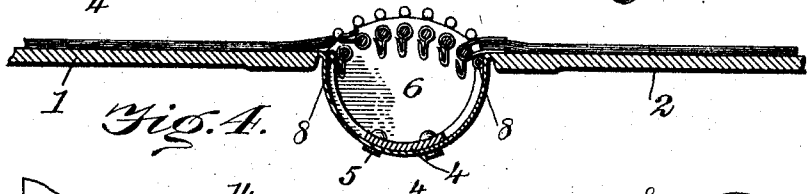


Fig. 4.

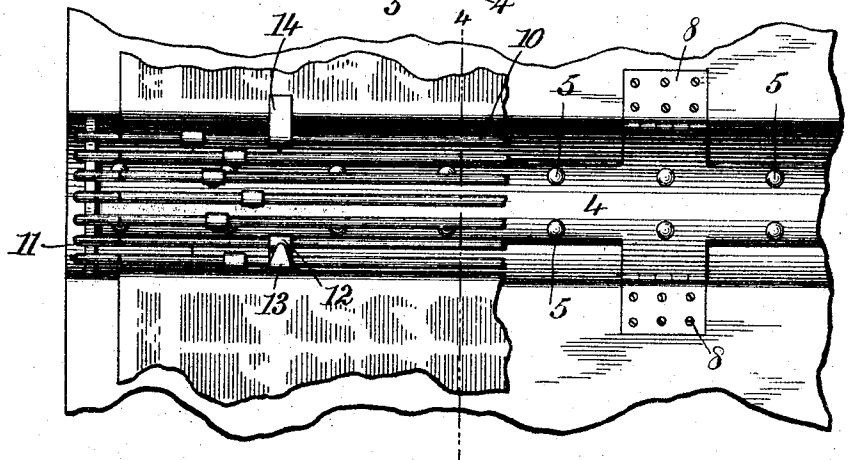


Fig. 5.

WITNESSES:

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No. 780,904. Patented January 24, 1905.

UNITED STATES PATENT OFFICE.

SAMUEL HERBERT McVITTY, OF BRYN MAWR, PENNSYLVANIA

TEMPORARY BINDER.

SPECIFICATION forming part of Letters Patent No. 780,904, dated January 24, 1905.

Application filed May 24, 1904. Serial No. 209,431.

To all whom it may concern:

Be it known that I, SAMUEL HERBERT McVITTY, a citizen of the United States, and a resident of Bryn Mawr, in the county of Montgomery and State of Pennsylvania, have invented new and useful Improvements in Temporary Binders, of which the following is a full, clear, and exact description.

This invention relates to certain novel and useful improvements in temporary binders for periodicals, magazines, or the like.

In carrying out the present invention I have particularly in view so constructing my improved binder that it will be adapted to retain a number of periodicals without tearing or otherwise marring the same, thus enabling the periodical to be removed from the binder at any time and permanently bound, if desired.

A further object of the invention is to provide a binder which will always leave a full view of every part of the periodical, this being a great advantage over the binders now generally in use, in which the middle portion of the periodical is obscured by the binder-fastenings.

A further object of my invention is to provide my improved binder with means passing beneath the staples or binding-pins of the periodical and the back of such periodical, thus enabling the latter to be easily and readily turned when desired.

I have also in view so constructing my improved binder that it will embody the essential features of simplicity, durability, convenience, and inexpensiveness.

With the above-recited and other objects of a similar nature in view my invention consists in the construction, combination, and arrangement of parts, as is described in this specification, delineated in the accompanying drawings, and set forth in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a binder embodying my improvements, the covers or leaves thereof being shown as opened or parted. Fig. 2 is a longitudinal vertical sectional view taken through a portion of the back of the binder and showing the means for retaining the binding-strips therein. Fig. 3 is a detail perspective view of a portion of one of the rods of the binder having mounted thereon a clasp or clip of the character I employ for engaging the binding staple or pin of a periodical. Fig. 4 is a transverse vertical sectional view taken through a binder such as is shown in Fig. 1, and taken on the line 4 4 in Fig. 5, and Fig. 5 is a plan view showing the construction and arrangement of the binding-rods employed in my invention.

Referring now to the accompanying drawings in detail, 1 and 2 represent the covers of my improved binder, which may be of any suitable stiff material and are connected by a flexible back, such as shown at 3. Along the inner surface of this flexible back is a supporting-strip 4, preferably formed of metal, which is secured in position on said back through the medium of a number of rivets 5, the end portions 6 of said strip 4 being bent at right angles to the main body portion of the strip and preferably rounded or curved, and the upper edges of said right-angled extensions are preferably rounded or curved, as shown at 7, to accommodate themselves to the shape of the book to be formed. Connecting the strip 4 with the cover portions 1 and 2 at suitable intervals are hinges 8, which aid in fastening the back-strip securely to said covers, while at the same time the flexibility of the binder is in no way interfered with.

A row of apertures, as at 9, is arranged circumferentially of each end of the extended portions 6, near the curved edge 7 thereof, the apertures of one extended portion being in alinement with the corresponding apertures in the opposite extension, and through such apertures are adapted to pass the end portions of a number of rods 10, spaced apart a distance corresponding to the distance between the apertures of a row, such rods being formed of wire and secured to the end extensions by bending the extremities of the rods over the curved edges of said extensions and back parallel to the body of the wire for a short dis-

tance, as clearly shown at 11 in Fig. 2. It is of course to be understood that any number of rods may be employed, one rod for each periodical to be held in the binder. Further, it will be evident that various means may be resorted to for securing the rods in position. Slidably mounted upon these rods are a number of clasping hooks or clips, as shown at 12, the tongue portion 13 of the hook being adapted to be inserted beneath the binding-staple of the periodical, and thereby hold the same, this being clearly shown in Fig. 3, where such tongue portion 13 is engaging the staple *a* in the back of the periodical A. In the present instance I have shown two of these sliding hooks for each rod; but any number may be placed upon each rod, depending upon the number of staples binding the periodical, and it is to be noted particularly in this connection that by mounting the clasping-hooks to slide upon the rod they may accommodate themselves to and clasp the binding-staples of the periodical, no matter how far apart or close together these staples may be. In case the periodical is not provided with binding-staples instead of employing the sliding metal clasp-hooks I provide the rod with a number of adhesive tabs 14, as shown in Figs. 1 and 5, the magazine or periodical being secured in the binding by pasting the tab to the back-cover of such magazine.

The numerous advantages incident to a binder of this sort will be readily apparent. It will be noted that the construction and form of the clasping-hooks are such that they may be cheaply made and readily applied to the rods of the binder and may then be moved along the same to engage the staples of any periodicals, no matter how much the distance between said staples may vary.

My improved binder permits a full view of all parts of the periodical, and, furthermore, each periodical is supported by the extremities of the wire rods at either end.

While I have herein shown and described one particular embodiment of my invention, it is of course to be understood that I do not limit myself to the precise details of construction shown herein, as there may be modifications and variations in certain respects without departing from the essential features of the invention or sacrificing any of the advantages thereof.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A temporary binder comprising cover portions and a back portion, a curved strip extending along the inner surface of said back portion, hinges connecting the longitudinal edges of said strip with the cover portions, rods carried by said strip, and means slidable along said rods for engaging and retaining periodicals or the like, substantially as set forth.

2. A temporary binder comprising cover portions and a back portion, a curved strip secured on the inner surface of said back portion and connected at its longitudinal edges to the covers by hinges, the end portions of said strip being bent upwardly at right angles to the main portion thereof, and having rows of alining apertures formed therein, rods secured in the apertures of the extended portions of said strip, and means carried by said rods for engaging and retaining periodicals, magazines or the like, substantially as set forth.

3. A temporary binder comprising cover portions and a back portion, a strip extending longitudinally of the back portion and having the ends thereof arranged at right angles to the main portion of said strip, the upper edges of said end portions being rounded or curved, rods spaced apart and secured at their ends to said end portions of the strip near the curved upper edges thereof, and clasping-hooks slidable along said rods, said hooks being adapted to engage and retain magazines, periodicals or the like, substantially as set forth.

4. A temporary binder comprising cover portions and a back portion, a metallic strip secured to the back portion, the ends of said strip being bent or extended at right angles to the main body portion, the edges of said extended portions being rounded, said extended portions also having apertures extending circumferentially thereof, metal rods having the ends thereof passing through alining apertures of each extended portion, whereby the rods are spaced apart and supported, and clasping-hooks slidably mounted on said rods, substantially as set forth.

5. In a temporary binder, a curved strip having its ends bent upwardly and provided with apertures, said strip being provided intermediate of its ends with sectional and hinged projections, rods secured in the apertures of the bent ends of the strip, and clasping-hooks slidably mounted on the said rods, as set forth.

6. In a temporary binder, a curved strip having at its ends vertical members, and provided intermediate of its ends with sectional and hinged projections, rods secured to the vertical members of the strip, and fastening devices carried by said rods, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SAMUEL HERBERT McVITTY.

Witnesses:

PHOEBE QUINLY McVITTY,

T. E. McVITTY.