

(No Model.)

J. W. WOOD.
BINDER FOR NEWSPAPERS OR THE LIKE.

No. 546,910.

Patented Sept. 24, 1895.

Fig 1.

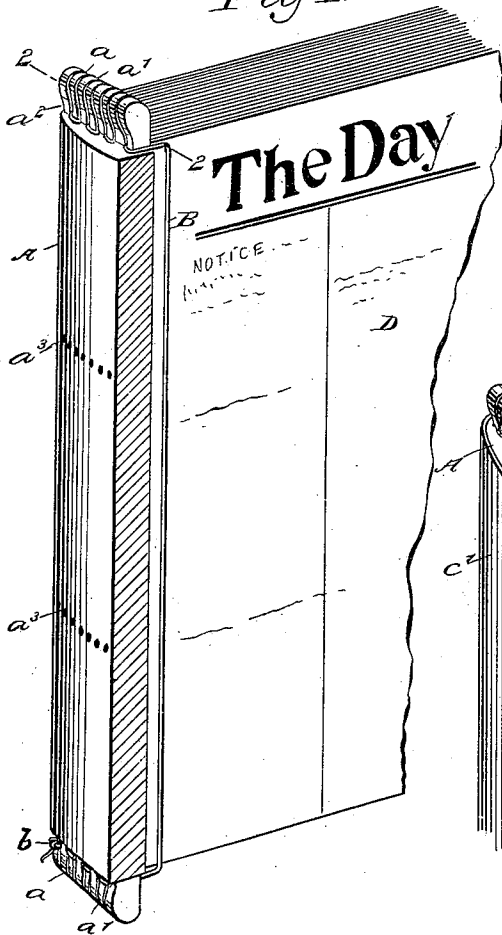


Fig 4.

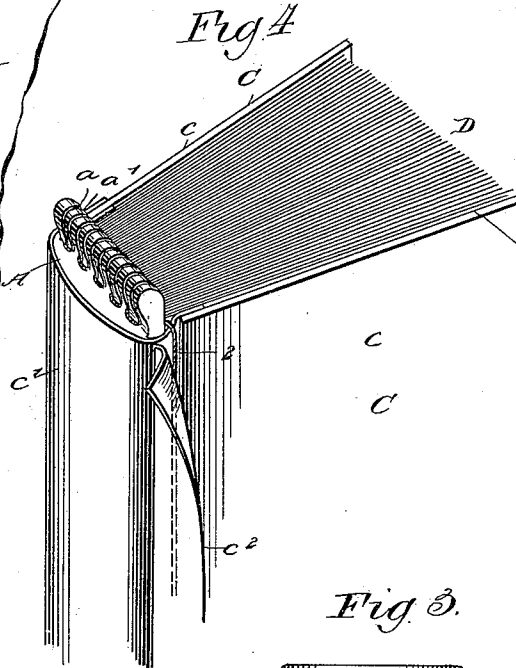


Fig 3.

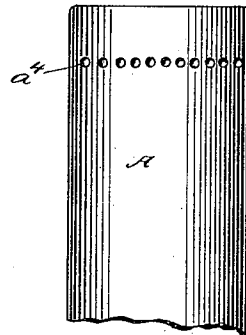
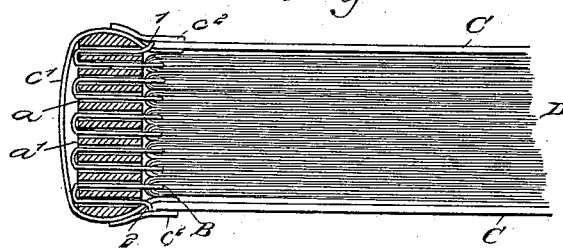


Fig 2.



WITNESSES:

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JOSEPH W. WOOD, OF BARABOO, WISCONSIN.

BINDER FOR NEWSPAPERS OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 546,910, dated September 24, 1895.

Application filed May 15, 1894. Serial No. 511,335. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH W. WOOD, of Baraboo, in the county of Sauk and State of Wisconsin, have invented a new and Improved Binder for Newspapers or the Like, of which the following is a full, clear, and exact description.

This invention relates to certain improvements in binders for pamphlets, loose papers, &c., and has for its object to produce a binder of a simple, durable, and inexpensive nature, which shall present certain advantages for use over other similar devices, all as will be hereinafter fully set forth. The novel features of my invention will be carefully defined in the claims.

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

Figure 1 is a perspective view of a binder embodying my improvements with the cover removed, one side of the frame being cut away in order to illustrate the method of winding the retaining-strands thereon. Fig. 2 is a sectional view taken in the plane of the line 2 2, Fig. 1, showing the binder with the covers attached. Fig. 3 is a fragmentary view showing a modification, and Fig. 4 is a perspective view illustrating the manner of attaching the cover of my improved binder.

In the views, A represents the frame, usually of wood, having its opposite ends provided with a series of corresponding notches a , forming projections a' , the rear sides of which are recessed at their base portions, as indicated at a^2 , in order to enable them to better hold the retaining cord or strand B.

The strand B is applied by securing one end thereof in any desired manner—such, for instance, as by forming a knot thereon, as at b , and then running it back and forth from end to end and looping it alternately over the projections a' at opposite ends of the frame, so that the strand will pass through a notch a to the outer surface and then to the inner surface again through the next adjacent notch. The second end of the strand may be knotted, as shown at b' , or it may be secured in any other desired manner.

In practice the ends or knots of the strand will lie closely within recesses a^2 .

In order to hold the cover C in place on the frame I form said cover in three parts, sides c and a flexible back c' connecting the sides. In applying the cover to the binder, its sides c are inserted, respectively, under the first and last runs 1 and 2 of the strand B to the position shown in Figs. 2 and 4, after which a gummed strip c^2 , of suitable material, may be pasted down on the cover over said runs 1 and 2, as clearly seen in said figures.

When it is desired to employ the binder to hold pamphlets D or newspapers or the like, the same are spread out flat, and one edge of each sheet is passed under one strand or run of the strand B, as clearly seen in Fig. 2, and when desired the sheets may be permanently held in place in the binder by sewing at various points, for which purpose the frame A is provided at suitable points in its length with transverse series of apertures a^3 , through which a cord or thread is passed.

It is obvious that two or more strands may be employed to accommodate the binder to heavy pamphlets or the like.

In Fig. 3 I have shown a slightly modified construction of the frame A, wherein the notches a are replaced by perforations a^4 , corresponding in effect to the notches a first described.

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

1. As a new article of manufacture, a binder frame provided at each end with a transverse series of openings adapted for the passage of a strand and having between said end series of openings an intermediate transverse series of openings extending through it from its front to its rear sides, said openings being also adapted for the passage of a strand, and a strand passed through the respective openings in each end series and extending back and forth longitudinally on one face of the block, whereby runs are formed, said runs being each adapted to be drawn down to the back by means of a cord or thread passed through said intermediate openings, substantially as set forth.

2. The combination of a binder frame hav-

ing a cord secured thereto and forming runs
extending longitudinally of the said frame,
and a cover consisting of sides secured to the
outer runs of the cord at opposite sides of the
5 frame, substantially as set forth.

3. The combination of a binder frame hav-
ing a cord secured thereto and forming runs
extending longitudinally of the said frame
and a cover consisting of a back and sides

united by said back, and strips pasted down 10
on the cover over the outer runs of the cord
at opposite sides of the frame, whereby the
cover is secured to the frame, substantially
as set forth.

JOSEPH W. WOOD.

Witnesses:

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A. W. METZL.