(No Model.)

W. D. READY.

TEMPORARY BINDER.

No. 343,066. Patented June 1, 1886.

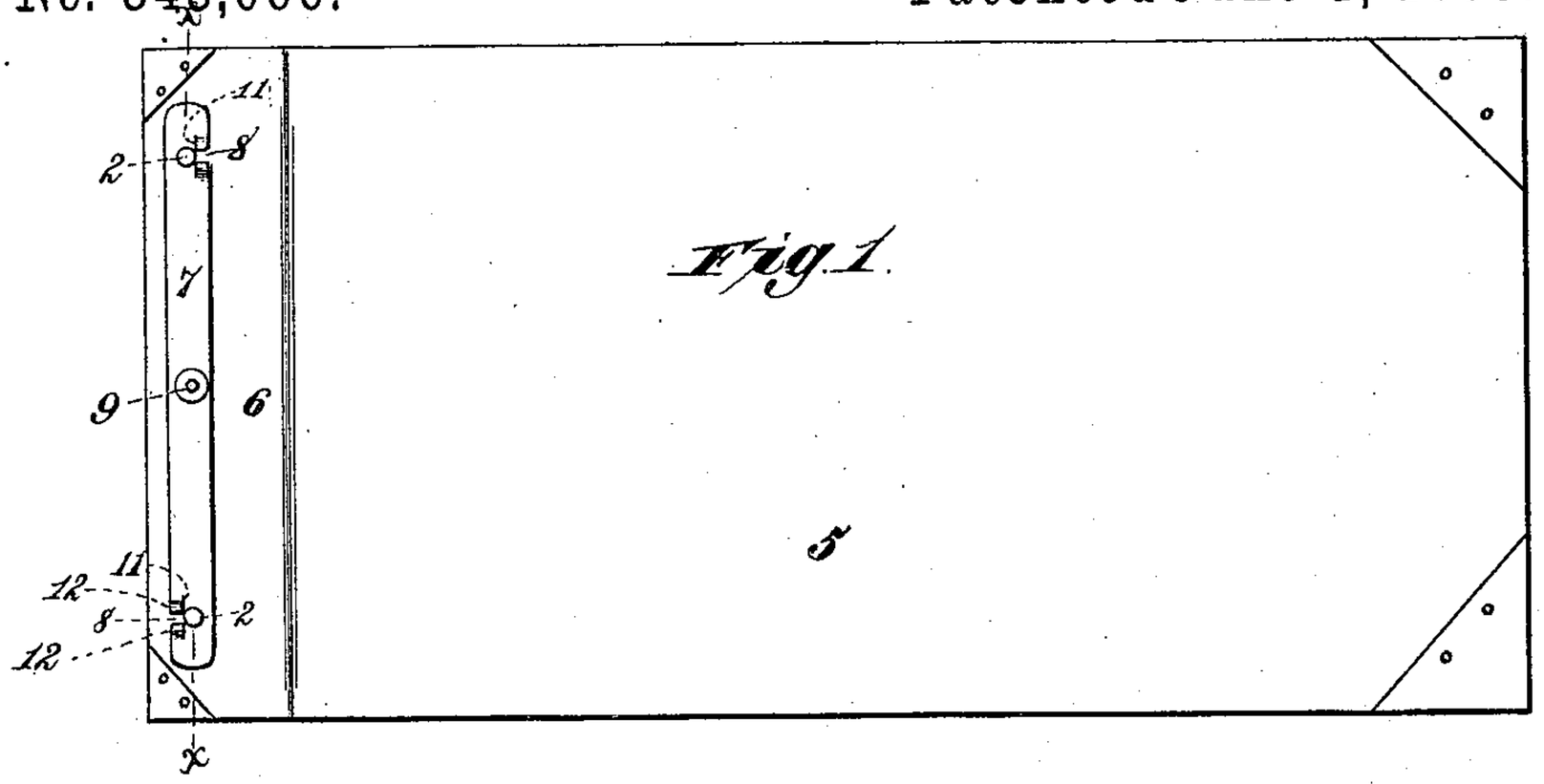
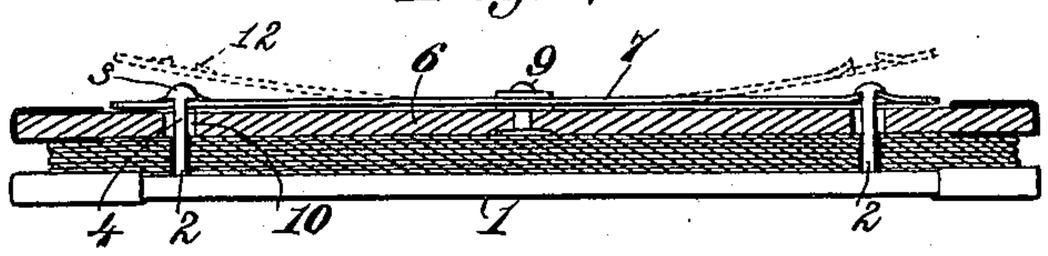


Fig. 1.

Fig. 2.



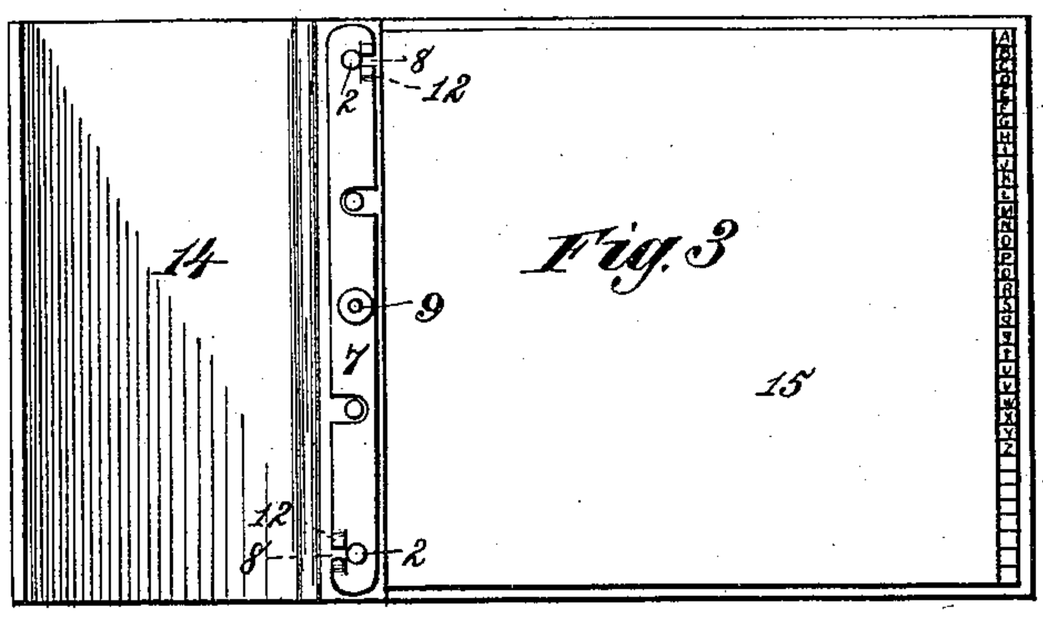


Fig. 3

Fig. 4

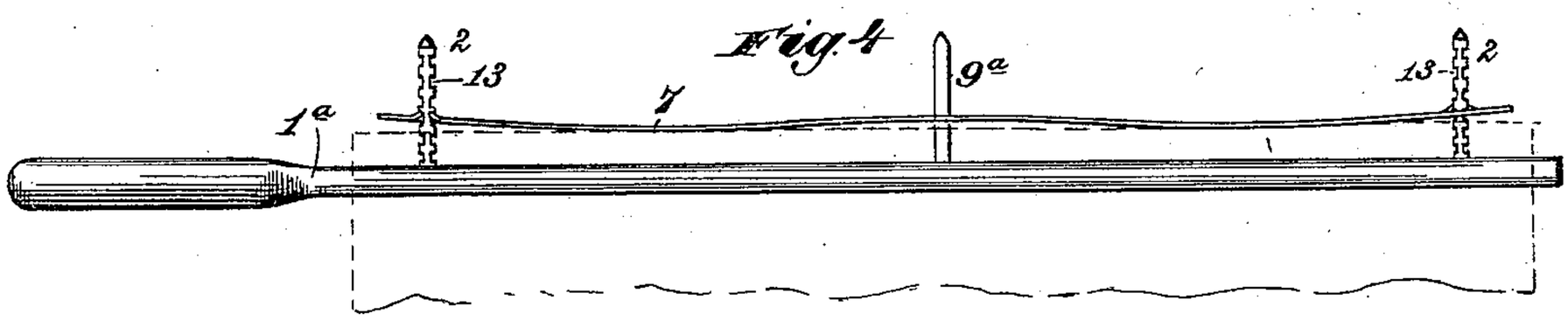
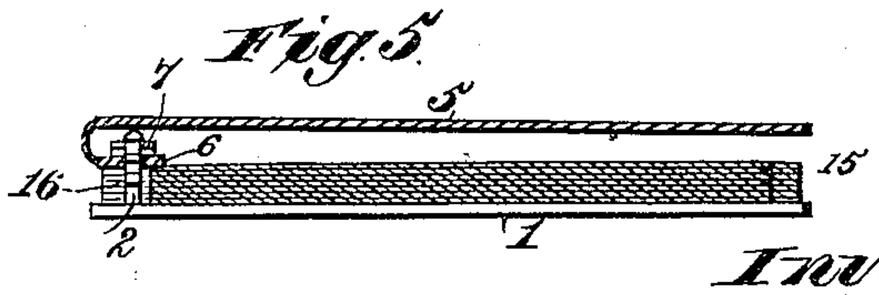


Fig. 5.



Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM D. READY, OF BROOKLYN, NEW YORK.

TEMPORARY BINDER.

SPECIFICATION forming part of Letters Patent No. 343,066, dated June 1, 1886.

Application filed February 23, 1886. Serial No. 192,896. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM D. READY, a citizen of the United States, residing at South Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Temporary Binders, of which the following is a specification.

My invention relates to temporary binders for newspapers, letters, bills, and other similar papers, the preservation of which is desirable for future reference.

The invention consists in the several features of construction and combinations of parts hereinafter fully set forth, and definitely pointed out in the claims annexed to this specification.

In the accompanying drawings, Figure 1 is a plan view of a binder constructed according to my invention and having application to binding-covers. Fig. 2 is a section of Fig. 1 in the line *x x*. Fig. 3 is a plan view showing a modification. Fig. 4 is a side elevation showing the invention applied to a newspaper-file. Fig. 5 is an end elevation, partly in section, of the parts shown in Fig. 3.

In the said drawings, the reference-numeral 1 designates a rigid base—such as a cover or leaf—of a binding-book for receiving receipts and similar papers. Rising from the end thereof, at a suitable distance from each other, are pins or studs 2, rigidly mounted on said base near its end. These pins or studs have heads 3, and below said heads they are cut away upon two sides to form a flattened shank, 4, which extends to the base, upon which the studs are mounted. The other cover, 5, which is used with that described, is preferably provided with a flap, 6, flexibly connected therewith, and upon said flap is pivoted a metallic strip, 7, having upon opposite sides, near the ends, notches or slots 8, of sufficient size to admit the flattened shanks 4. The strip 7 is attached at or near its center to the flap of the cover, and its notches are cut therein at such points that when it is turned upon its pivotal point 9 said notches will engage with the studs 2, which project through openings 10 formed in the flap 6. Near the open end of each notch or slot 8 is formed a cut, 11, transversely to the length of the slot and extending a short distance into the metal upon each side thereof. The metal intervening between this cut and the edge of the strip is then bent slightly upward, forming a tooth or shoulder, 12, which abuts against the head of the pins or studs 2 when the parts are in engagement, and prevents the accidental release of the strip from said engagement. In order to effect this result, and to secure a perfect engagement and operation of the parts, the strip 7 is formed of elastic metal, and is bent into the form shown by dotted lines in Fig. 2, whereby not only are the shoulders 12 brought at all times into effective engagement with the heads of the pins, but the flap 6 is also pressed down upon the rigid base or cover 1. The papers placed between the binders are thereby compressed together and the mass rendered compact.

In applying the device to a newspaper-file the studs 2 are mounted upon the staff 1^a, Fig. 4, and the strip 7 is pivoted upon said staff at an intermediate point, 9^a. The construction is in other respects the same, save that the studs may be prolonged, and instead of having continuous flat shanks they may be provided with opposite notches 13, at suitable intervals, whereby a series of flattened attaching portions is formed. This permits a considerable accumulation of papers upon the staff without interfering with the efficiency of the device.

When the binder is used with letters or papers of miscellaneous character, it may be desirable to attach the cover in the manner shown in Figs. 3 and 5, the attachable cover 14 having a flap, which increases its length and receives the pivotally-mounted strip 7. This latter is applied, however, in the reverse manner from that shown in Fig. 1, whereby in folding the cover over upon the papers it will cover, conceal, and protect the studs or strip engaging with them. In binding for storage, with a view to future reference, this is of great convenience, as it not only gives better appearance, but covers the sharp points of the studs, and prevents the possible injury of surrounding objects.

The index used with this binder may be composed of paper sheets 15, having the usual marginal letters and notched or cut upon their rear edges, as at 16, Fig. 5, to receive the

studs or pins 2, since the elasticity of the metal strip 7 constantly grips the edges of the sheets and holds them in place.

The binder is operated by pressing downward the ends of the strip 7, and at the same time turning it upon its pivotal point to disengage the slots from the studs. The operation is simple, and the device is cheap, efficient, and capable of adaptation to every form of temporary or permanent binder.

What I claim is—

1. In a temporary binder or paper-file, the combination, with headed studs mounted upon one member thereof, of a pivotally-mounted strip having slots which engage said studs, and provided with lips or shoulders which engage the heads of the studs, substantially as described.

2. The combination, with a metallic strip pivoted between its ends and bent into the arc of a circle, of headed studs mounted upon the binder and engaging with slots or notches formed in the opposite edges of the strip near its ends, substantially as described.

3. The combination, with the headed pins formed or mounted upon one part of the binder and projecting through the papers and the other part, of a pivoted strip having slots in its opposite edges, and provided with cuts crossing said slots, the metal in front of the cuts being bent upward to form shoulders to engage the heads of the studs, substantially as described.

4. The combination, with a binder-cover having headed studs mounted thereon, of a cover having a flexible flap and a curved strip mounted pivotally upon said flap, and having notches or slots in opposite edges to engage with said studs, the flap carrying said strip being provided with openings to receive the studs and applied reversely, whereby the cover will overlie and protect the strip, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM D. READY.

Witnesses:
JOHN RING,
WM. H. JOHNSON.