

(No Model.)

L. RIEBEL, Jr.
BINDER FOR BOOKS.

No. 585,479.

Patented June 29, 1897.

Fig. 1.

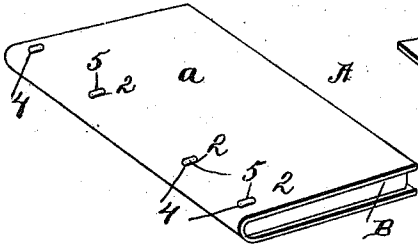


Fig. 2.

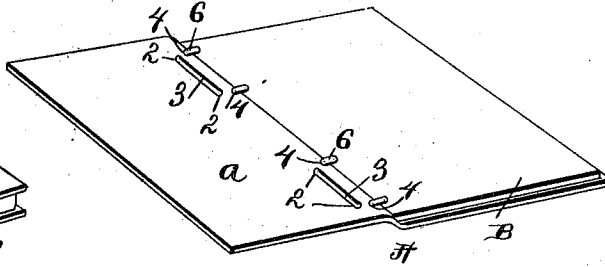


Fig. 3.

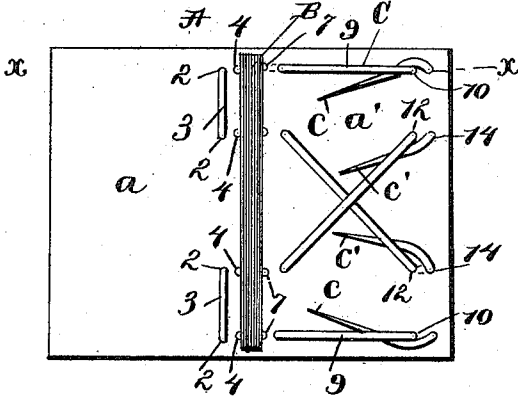


Fig. 4.

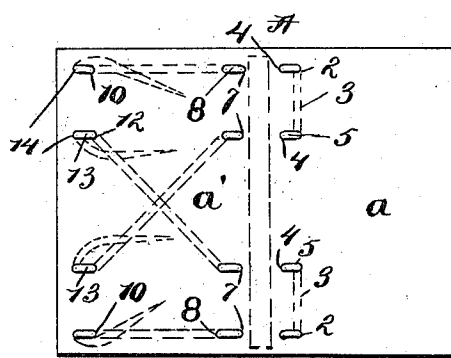


Fig. 5.

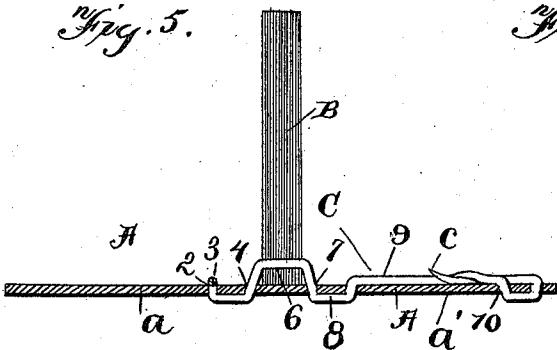
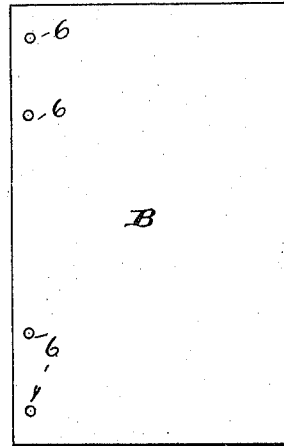


Fig. 6.



Witnesses
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UNITED STATES PATENT OFFICE.

LEONARD RIEBEL, JR., OF OAKLEY, IOWA.

BINDER FOR BOOKS.

SPECIFICATION forming part of Letters Patent No. 585,479, dated June 29, 1897.

Application filed May 27, 1896. Serial No. 593,310. (No model.)

To all whom it may concern:

Be it known that I, LEONARD RIEBEL, Jr., a citizen of the United States, residing at Oakley, in the county of Lucas and State of Iowa, have invented certain new and useful Improvements in Binders for Books; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to temporary binders for the individual leaves of books, pamphlets, and the like; and the object is to provide a binder of this class that will be simple and cheap in construction and which will readily allow the addition or withdrawal to or from the contents thereof easily and readily and without disturbing the balance of the contents; and to this end the novelty consists in the construction, combination, and arrangement of the several parts of the same, as will be hereinafter more fully described, and particularly pointed out in the claim.

In the accompanying drawings the same letters and figures of reference indicate the same parts of the invention.

Figure 1 is a perspective view of my improved binder as it appears with the book closed. Fig. 2 is a similar view of the same open, showing the leaves lying straight. Fig. 3 is a front plan view with the covers open flat and the leaves or contents closed. Fig. 4 is a back plan view of the covers open. Fig. 5 is a transverse section on the line $x x$ of Fig. 3, and Fig. 6 is a plan view of a single pamphlet or leaf detached from the cover.

A is the flexible cover, made in one piece and of a size corresponding to the use to which it is to be put, and B is the contents or text of the book and may consist of pamphlets, leaflets, or simply a series of single blank or printed leaves.

C C represent two thongs or lacings, one of which is located at the top and the other at the bottom of the cover, and their ends $c c'$ are first passed from the inside of the cover portion a through two perforations 2 2, outwardly forming a strap 3 on the inside of the cover portion a , thence inwardly through two perforations 4 4, forming shorter straps 5 5,

thence transversely through the perforations 6 6 in the leaves, thence outwardly through the perforations 7 7 in the cover portion a' , inwardly again, forming the short straps 8 8, thence across the inside of the cover portion a' , one of the ends c forming a longer strap 9, extending in a straight line to the perforation 10, passing through it and returning to the inside again and having its free end c temporarily secured under the strap 9, while the other end c' passes from its orifice diagonally across the center of the cover portion a' , through the orifice 12, outwardly forming a strap 13, thence inwardly through the orifice 14, its free end c' tucked under the diagonal portion of the thong on the inner side of the cover. From this arrangement it will readily be seen that a pamphlet or even a single sheet can be added to or taken from the main body, and in practical use it possesses all the advantages of the more expensive and permanently-bound books.

This form of binder will be found convenient for preserving all forms of consecutively-issued periodicals or sheets and is particularly adapted to be used as memorandum-books required by members of the various detective agencies, who are furnished at different times with additional sheets of orders, instructions, and other information related to their business.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

The improved temporary binder herein described, composed of the cover portions $a a'$ flexibly joined by an integral inseparable back, the flexible thongs C C, the ends $c c'$ of which are first passed from the inside of the cover portion a through two perforations 2, 2, outwardly forming a strap 3, on the inside of the cover portion a , thence inwardly through two perforations 4, 4, forming shorter straps 5, 5, thence transversely through the perforations in the leaves of the sheets to be bound, thence outwardly through the perforations 7, 7, in the cover portion a' , inwardly again, forming the short straps 8, 8, thence across the inside of the cover a' , one of the ends c forming a shorter strap 9 extending in a

straight line to the perforation 10, passing
through it and returning to the inside again
and having its free end *c* temporarily secured
under the strap 9, the other end *c'* passing
5 from its orifice diagonally across the center
of the cover portion *a'*, through the orifice 12,
outwardly forming a strap 13, thence in-
wardly through the orifice 14, its free end *c'*
tucked under the diagonal portion of the

thong on the inner side of the cover, sub- 10
stantially as shown and described.

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

LEONARD RIEBEL, JR.

Witnesses:

H. L. STEWART,
N. LEINEN.