

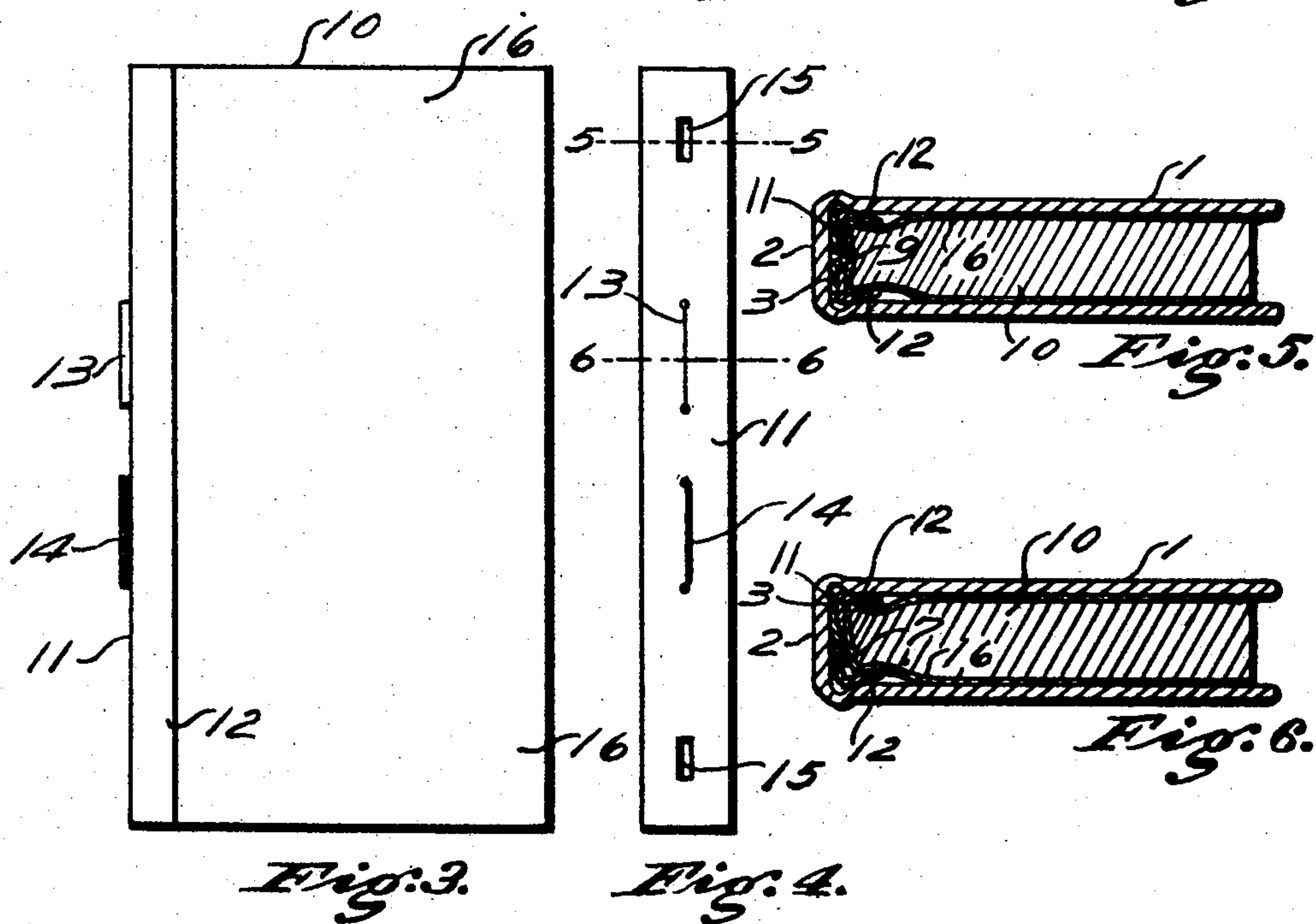
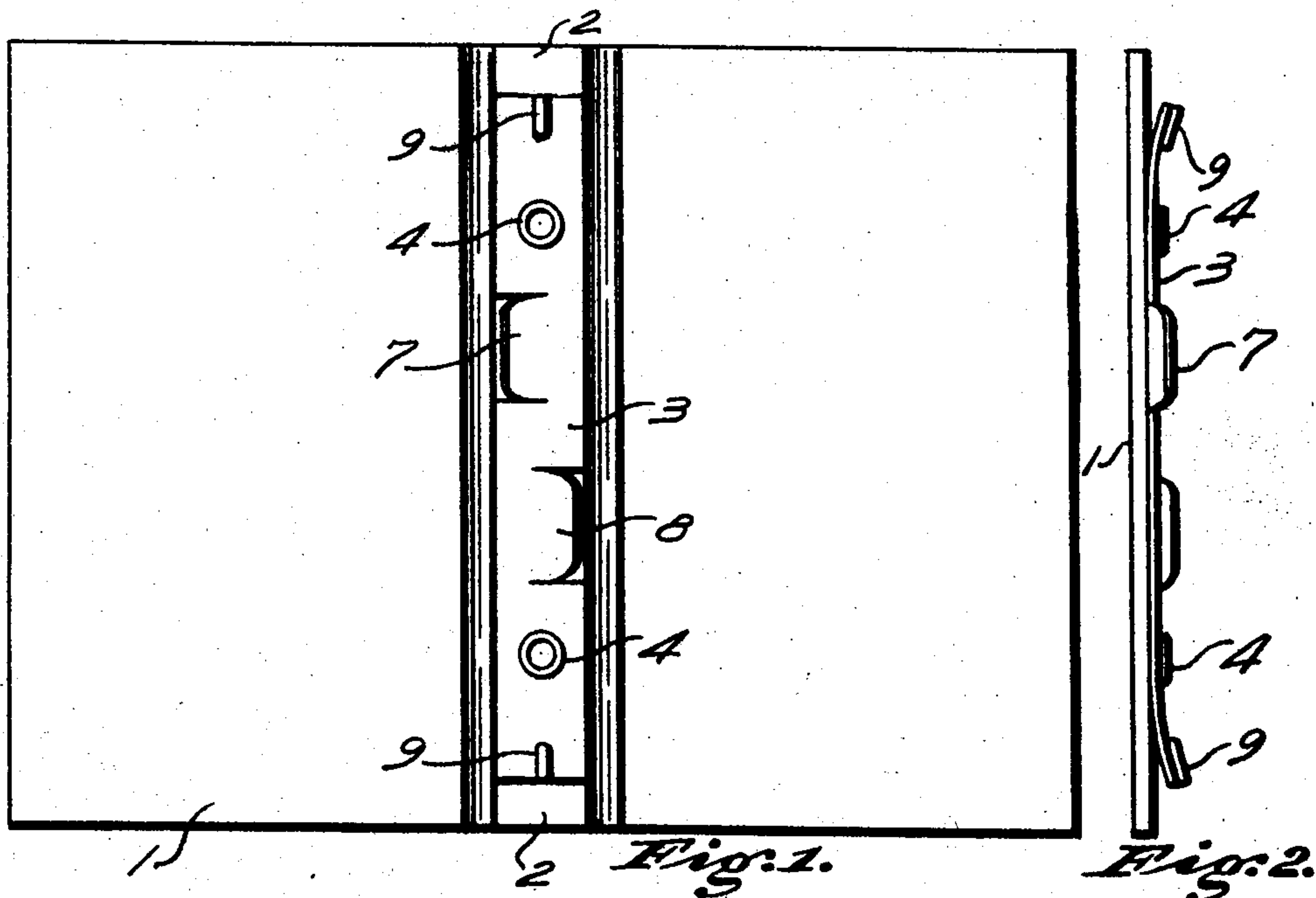
No. 765,230.

PATENTED JULY 19, 1904.

A. E. EDMONDSON.
BOOK COVER AND BINDING.

APPLICATION FILED APR. 25, 1903.

NO MODEL.



Witnesses:
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UNITED STATES PATENT OFFICE.

ALFRED E. EDMONDSON, OF CHICAGO, ILLINOIS.

BOOK COVER AND BINDING.

SPECIFICATION forming part of Letters Patent No. 765,230, dated July 19, 1904.

Application filed April 25, 1903. Serial No. 154,249. (No model.)

To all whom it may concern:

Be it known that I, ALFRED E. EDMONDSON, a citizen of the United States of America, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Book Covers and Bindings, of which the following is a specification.

The main object of my invention is to provide a suitable structure for binding and covering books—such as letter-press copying-books, account-books, &c.—which will permit the record part of the book to be conveniently detached from the cover, so that same may be conveniently stored for future reference and so that the same cover may be used from time to time with new record parts. I accomplish this object by the structure shown in the accompanying drawings, in which—

Figure 1 is a plan of the inside of a cover constructed according to my invention. Fig. 2 is a side or edge view of same. Fig. 3 is a plan of the record part of a book suitable for attachment to said cover. Fig. 4 is a back view of such record part. Fig. 5 is a section of such record part on the line 5 5 of Fig. 4 with the cover attached. Fig. 6 is a similar section on the line 6 6 of Fig. 4 and with the cover attached.

In the form shown the cover 1 has secured on its back piece 2 a strip made of resilient sheet metal and secured to said back piece by means of the metal fastening-eyelets 4. Said strip 3 is normally sprung upward or away from the back piece 2 at its ends, as shown in Fig. 2. The strip 3 is cut to form the oppositely-extending lips or tongues 7 and 8. At each of its ends the metal strip 3 is stamped to form a lug or projection 9. On the back of the book or record part 10 is secured a metallic binding member 11, which has its side edges 12 bent inwardly against the material of the book at the sides, as shown in Figs. 5 and 6. The member 11 is provided with slits 13 and 14, the metal being bent outwardly at said slits in suitable manner to engage the lips 7 and 8 of the strip 3. The member 11 is also slotted or recessed at 15 for engaging the lugs or projections 9 on the strip 3. The sprung parts at the end of the strip 3 form springs

normally urging the lugs 9 into the recesses 15 and preventing the book and cover from becoming accidentally detached.

The use of the member 11 as a binding for the book makes it practicable to have the leaves laid with the grain of the paper running parallel with the binding edge. This is particularly serviceable in letter-press copying-books, since when the paper is moistened its stretch is away from or substantially at right angles to the binding-edge, thus avoiding the tendency of the paper to wrinkle at the binding edge, as is common in copying-books made with the grain of the paper running at right angles to the binding edge. In using the old forms of binding, such as sewed or wire-staple bindings, it has been found necessary to have the grain of the paper running transverse to or substantially at right angles to the binding edge, so as to avoid tearing along said edge at the places where the paper is perforated. In using my binding member 11 I have found that it is a disadvantage to have the grain of the paper running transverse to the binding edge, since the paper forms into waves along said binding edge when the edges 12 are pressed tightly inward against the paper.

The outer leaves 16 of the copying-book are preferably made of heavier and tougher paper than the body of the book, so as to overcome a tendency to tear along the edges 12, and also to provide suitable protection for the record part of the book when same is stored detached from the cover 1.

The operation of the device is as follows: When it is desired to attach the book to the cover, the operator will hold the back part diagonally across the strip 3, so that the lips 7 and 8 may be inserted in the slits 13 and 14. The back will then be turned to a position parallel with the strip 3, so that the lugs 9 will spring into the slots 15, and thus lock the parts in such parallel position. The lugs 9 are preferably made rounded in cross-section, as shown in Fig. 5, so as to permit the book part to be readily forced out of engagement with said lugs and returned to the diagonal position when it is desired to detach the cover.

It will be understood that the strip 3 and

the member 11 may be made of suitable material other than metal and that some of the details of the structure shown may be altered without departing from the spirit of my invention. I therefore do not confine myself to such details except as hereinafter limited in the claims.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A device of the class described, comprising a book having a member secured along its binding edge, a cover for said book having secured to the inner part of its back a fastening-strip having a pair of opposed lips, one of said lips being disposed toward one side of said cover and located toward one end of said strip and the other lip being disposed toward the opposite side of said cover and located toward the other end of said strip, said member having slots therein adapted to engage said lips, and means near the end of said strip for preventing the lateral movement of said strip and said member, substantially as described.

2. A device of the class described, comprising a book having a member secured along its binding edge, a cover for said book having secured to the inner part of its back a fastening-strip having a pair of opposed lips, one of said lips being disposed toward one side of said cover and located toward one end of said strip and the other lip being disposed toward the opposite side of said cover and located toward the other end of said strip, said member having slots therein adapted to engage said lips, said strip being normally sprung outward at each end, and such strip and member being oppositely formed at such ends for suitable engagement preventing relative lateral movement, substantially as described.

3. A device of the class described, comprising a book having at its back a metallic bind-

ing member with its side edges bent inwardly and engaging the sides of the book so as to form a permanent binding therefor, and a cover for said book having secured to the inner part of its back a fastening-strip having a pair of opposed lips, one of said lips being disposed toward one side of said cover and located toward one end of said strip, and the other lip being disposed toward the opposite side of said cover and located toward the other end of said strip, said binding member having slots therein adapted to engage said lips, and means near the ends of said strip for preventing the relative lateral movement of said strip and said binding member, substantially as described.

4. A device of the class described, comprising a book having at its back a metallic binding member with its side edges bent inwardly and engaging the sides of the book so as to form a permanent binding therefor, and a cover for said book having secured to the inner part of its back a fastening-strip having a pair of opposed lips, one of said lips being disposed toward one side of said cover and located toward one end of said strip, and the other lip being disposed toward the opposite side of said cover and located toward the other end of said strip, said binding member having slots therein adapted to engage said lips, said strip being normally sprung outward at each end, and such strip and fastening member being oppositely formed at such ends for suitable engagement preventing relative lateral movement, substantially as described.

Signed at Chicago this 22d day of April, 1903.

ALFRED E. EDMONDSON.

Witnesses:

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GLEN C. STEPHENS.