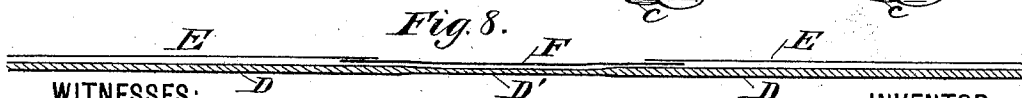
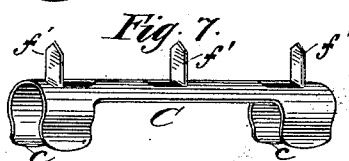
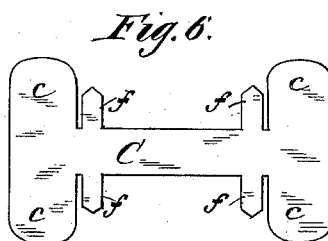
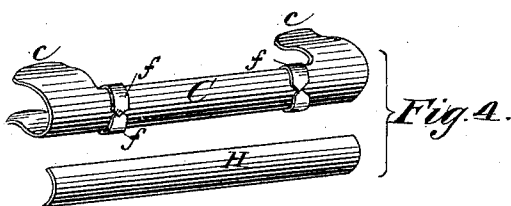
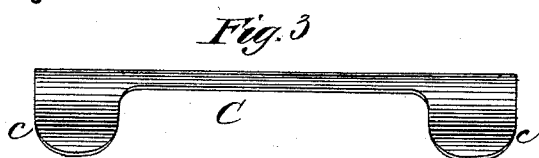
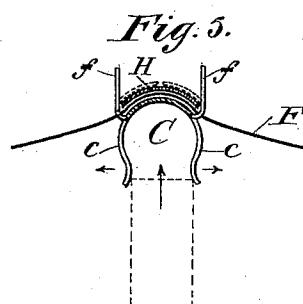
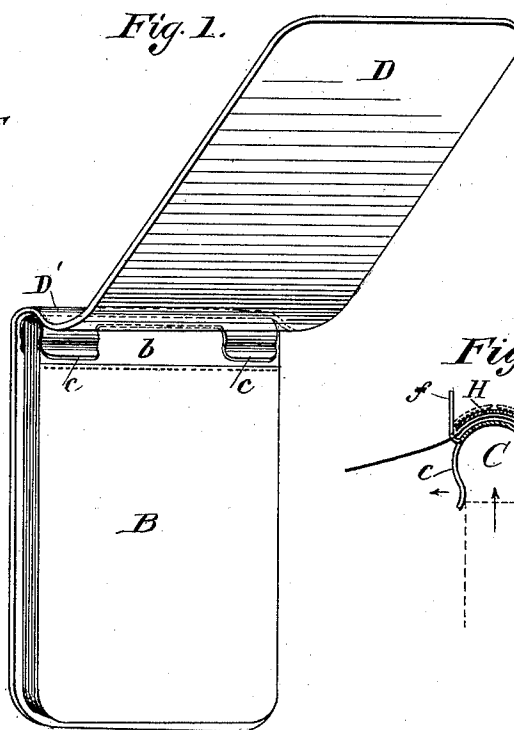
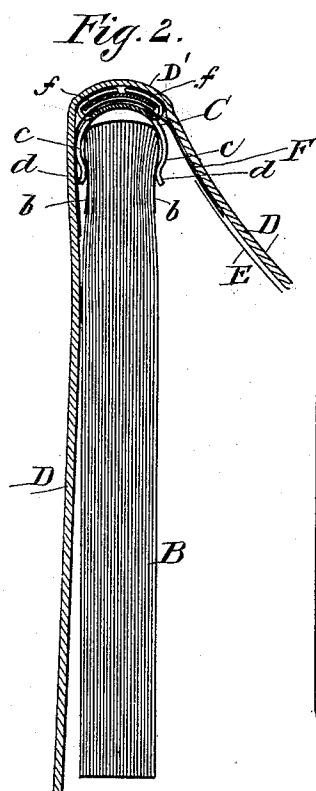


(No Model.)

F. J. VERNON.
TEMPORARY BINDER.

No. 463,323.

Patented Nov. 17, 1891.



WITNESSES:

M. J. Spencer.
Henry B. Anderson.

INVENTOR
Francis J. Vernon,
BY
Henry F. Parker.
ATTORNEY

UNITED STATES PATENT OFFICE.

FRANCIS J. VERNON, OF BROOKLYN, NEW YORK.

TEMPORARY BINDER.

SPECIFICATION forming part of Letters Patent No. 463,323, dated November 17, 1891.

Application filed February 4, 1891. Serial No. 380,210. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS J. VERNON, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented a certain new and Improved Temporary Binder, of which the following is a specification.

My invention relates to binding attachments for covers for the reception or removal of memorandum tablets or sheets of paper combined in book or other form; and my said invention applies therefore to a binding-cover of durable character, which outlasts the memorandum-pages temporarily inserted therein and to be removed when consumed for the substitution of others.

The object of my invention is to provide for the temporary binding of paper or books or pads of varying thickness or to permit the independent insertion or removal of separate sheets or cards of paper in addition to those first put in.

Heretofore a U-shaped strip of metal has been employed within the book-cover, into which the edge of the pad or tablet of paper has to be inserted endwise, said U-shaped strip converging in cross-section toward its outer edges, and an expanded edge of the tablet causing its retention therein. Such devices have been adapted to receive only a uniform or standard thickness of tablets, especially prepared therefor in the manner indicated, and they do not permit the insertion of extra sheets or cards of paper after the tablet is put in place. Spring-clasps have also been applied to the exterior side of the cover for clamping the sheets within; but the spring thus applied, having to include the stiff material of the cover, has necessarily to be made very strong, requiring a mechanical appliance to pry it open, rendering those functions impracticable which I accomplish by the use of my improvement.

My invention consists in a book-cover having a spring clasp or holder attached to the interior thereof provided with outwardly-turned margins free from the cover, whereon pressure is exerted to open the spring by the insertion of the tablet of paper in a direction perpendicular to the length of the transverse holder or binder.

A novel feature of my invention, moreover, consists in providing a plurality of springs

covering portions only in the breadth of the binder, so that the clasp will yield readily when the tablet is inserted.

My invention also includes certain novel features concerning the means of fastening the metallic piece to the book-cover, as hereinafter more fully described and claimed.

Referring to the accompanying drawings, Figure 1 is a perspective view of the tablet with its binder partly opened to expose the holder or clasp. Fig. 2 is a sectional view of the book, likewise partly opened, the parts being drawn on an enlarged scale and exaggerated in proportion and thickness to show the construction. Fig. 3 is a detail side elevation of the holder, shown also on an enlarged scale and without reference to its means of fastening within the cover. Fig. 4 is a perspective view, drawn on a smaller scale, looking at the back of the holder, showing one construction of its fastening, and also showing a re-enforcing piece used in connection therewith. Fig. 5 is an end view of the holder constructed as shown in Fig. 4, illustrating the relative positions of the parts when put together. Fig. 6 is a view of the blank, showing the form in which the holder is stamped out of sheet metal. Fig. 7 is perspective view of the clasp, showing a modification of the means of its fastening; and Fig. 8 an edge view of the book-cover laid open, showing the relative position of the layers of material composing the same.

The book-cover D is composed of leather, canvas, card-board, or combinations of the same, or of any suitable durable material, of which the portion D' is comparatively flexible and of which E E represents the lining and F the re-enforce of cloth or other material to which the holder is attached before the parts are cemented together.

B represents a tablet of paper united at one end by a cloth-piece b or other binding. (Indicated in Figs. 1 and 2.)

C represents the holder, having clasps c c, provided with outwardly-turned margins d. In order to promote the resiliency of the clasps and rigidity lengthwise of the metallic piece, the back portion or ridge C thereof is made in a substantially semi-cylindrical form. As a convenient means of fastening the metallic piece to the book-cover, I provide clips f, formed of the same piece of metal, project-

ing at suitable portions thereof laterally from the ridge or back, as indicated in Figs. 4, 5, and 6. These clips are bent in the manner indicated in Fig. 4, after their insertion in the re-enforce F of the cover, and clinched to retain the same. In order to more securely attach the cover I interpose the piece H, of metal or other stiff material, between the clips *f* and the ridge C, and thus the cloth F is closely retained to the curvilinear back of the holder and breakage or tearing prevented.

In placing the above-described parts together the cloth-piece F is first laid over the back of the holder, as indicated in Fig. 5, the clips *f* being upturned and inserted through the cloth. The piece H is then placed in position, as indicated, and the clips *f* clinched firmly over it, as seen in Fig. 2. The whole is then incorporated with the main part of the cover by cementing the re-enforce F thereto.

In the modification indicated in Fig. 7 the cloth-piece F is similarly placed in position upon the holder, as described with reference to Fig. 5, the clips *f'* being inserted and clinched, using a metallic piece similar to that H or not, as required, and the whole being united to the remainder of the cover, as before.

The spring-clasps C may be employed in any plurality in the length of the holder other than that shown, or within the meaning of my invention the clasping portion *c* may be made continuous throughout the length of the binder.

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

1. A book-cover provided with a tablet-

holder comprising spring-clasps on the interior thereof projecting beyond the line of flexure of the cover with reference to the back of the book, and having outwardly-turned or divergent margins for the admission of the tablet when inserted in a direction substantially perpendicular to the length of the holder.

2. In a temporary binder, the combination of a cover, a series of spring-clasps therein having outwardly-turned margins free from the cover, and a ridge or back supporting said clasps secured to the cover.

3. In a temporary binder, the combination of a cover, a series of spring-clasps therein having outwardly-turned margins, a ridge or back supporting said clasps, and clips projecting from the said ridge or back to secure the same to the cover, substantially as described.

4. In a temporary binder, a continuous rib or back, and a series of spring-clasps thereon divided from extremity to base having independent resiliency, for the purpose described.

5. The combination, with the book-cover, in a temporary binder, of an interior supporting-ridge transverse thereto provided with clasps for holding the book, and fastening-clips projecting backward from both edges of the said ridge toward one another, so as to include and secure the portion of the said cover adjacent said ridge, substantially as described.

FRANCIS J. VERNON.

Witnesses:

M. J. SPENCER,

HENRY B. ANDERSON.