

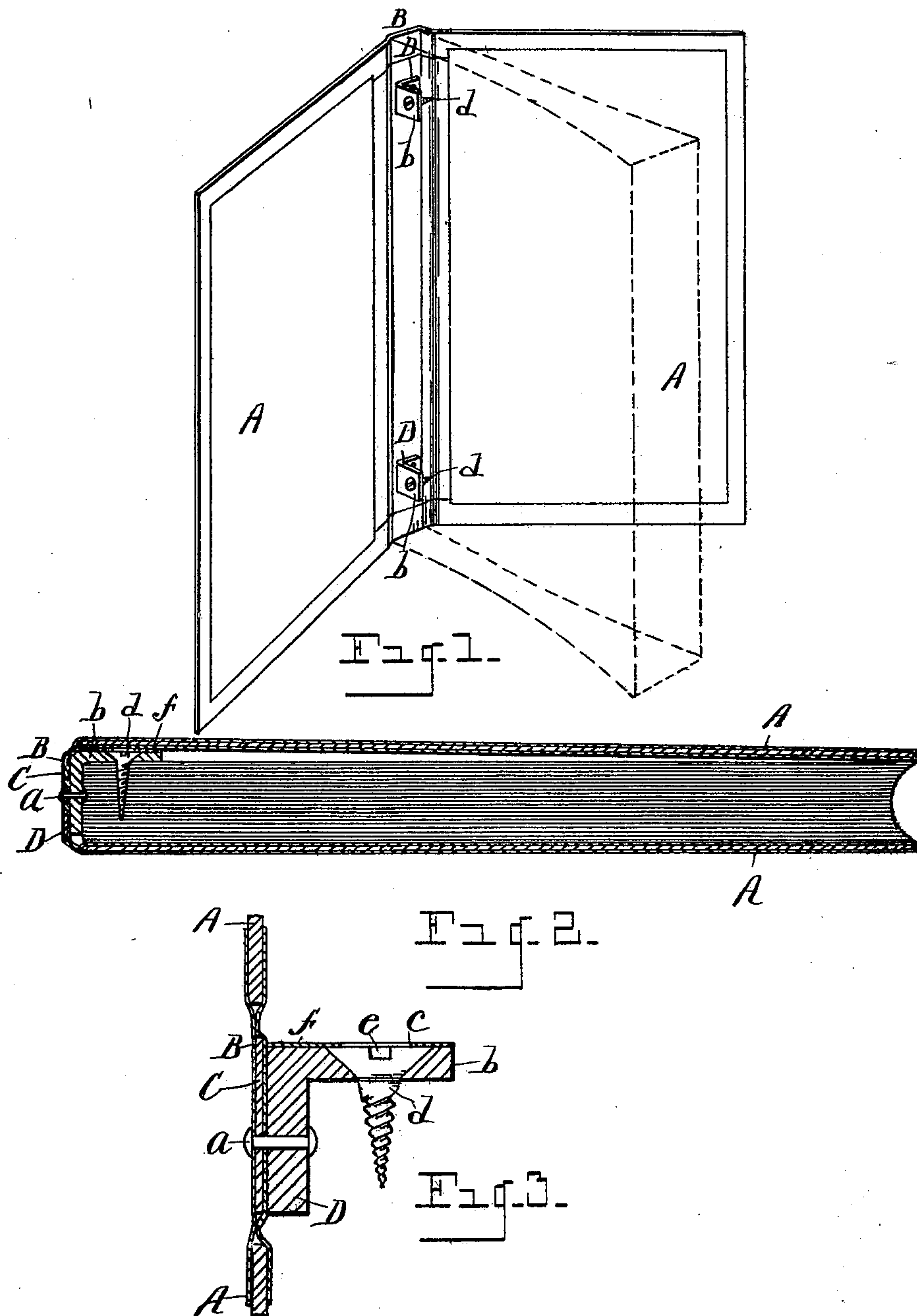
No. 627,484.

Patented June 27, 1899.

E. W. CORNELL.  
TEMPORARY BINDER.

(Application filed July 20, 1898.)

(No Model.)



WITNESSES.

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# UNITED STATES PATENT OFFICE.

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## TEMPORARY BINDER.

SPECIFICATION forming part of Letters Patent No. 627,484, dated June 27, 1899.

Application filed July 20, 1898. Serial No. 686,394. (No model.)

*To all whom it may concern:*

Be it known that I, EVAN W. CORNELL, a citizen of the United States, residing at Adrian, in the county of Lenawee, State of Michigan, have invented certain new and useful Improvements in Temporary Binders; 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to temporary binders especially designed for binding temporarily unbound periodicals and like publications; and the invention consists in the construction and arrangement of parts hereinafter fully set forth, and pointed out in the claims.

The object of the invention is to provide simple, inexpensive, and efficient means for binding temporarily any unbound publication in book form, so as to protect said publication while being read, the arrangement of parts being such as to enable the publication to be easily secured in the binder and readily removed therefrom, yet serving to firmly retain the book or other publication within the binder. This object is attained by the means illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a cover provided with my improved means for binding a periodical therein. Fig. 2 is an enlarged cross-section through the periodical and cover, showing the means for temporarily binding the periodical within said cover. Fig. 3 is an enlarged cross-section in detail, showing the section of the back of the cover and the binding means secured to the back thereof.

Referring to the letters of reference, A designates the leaves of a book-cover, provided with a suitable back B. Within the back B of the cover is a thin strip of metal C or other suitable material, which strip extends longitudinally of the back of the cover and is embraced by the covering fabric.

D designates two right-angled brackets, one plane of which is secured to the metal strip C in the back of the cover by means of suitable rivets *a*. The other plane of said brackets

extends vertically, as at *b*, and is provided therein with a countersunk aperture adapted to receive the head of the screw *d*. Covering each of the vertical faces of said brackets is a thin plate *f*, which extends onto the head of the screw *d* and confines it within the countersink in said bracket. Formed in the cover-plate *f* is an aperture *c*, which exposes the kerf *e* in the head of the screw which receives the blade of the screw-driver, whereby the screw is retained within the countersink of the bracket, but is permitted to be rotated therein.

In the operation of binding the book to be bound is punctured with a small awl at the points where the screws *d* would enter. Said book is then held against the points of said screws, which are turned by means of a screw-driver and caused to enter the side of the book at a point near the back, as clearly shown in Fig. 2, whereby the book is securely retained within the temporary binder in such manner as to permit its leaves to be freely turned. The screws entering the leaves of the book near the back obtain firm hold thereon and yet do not in any way injure the book. When it is desired to remove the book from the binder, the screw-driver is placed in the kerf of the screws *d*, and they are turned as in the operation of withdrawing said screws, whereby they are caused to be unscrewed from the back of the book, so as to permit its removal from the binder.

It will be seen that by means of this improved binder a book may be quickly and firmly bound therein without injury thereto and without the necessity of perforating the leaves of the book, as is sometimes practiced, and that the arrangement is such as to enable the book to be quickly detached from the binder when desired.

Having thus fully set forth my invention, what I claim is—

1. In a temporary binder, the combination with the cover, a bracket extending inwardly from the back of the cover, and a screw swiveled in said bracket and having a free gimlet-pointed end adapted to screw into the book to attach it thereto.

2. In a temporary binder, the combination with a cover, the angle-bracket secured to the



back of the cover and projecting inwardly therefrom, the screw swiveled in said bracket, and the apertured plate confining said screw.

3. In a temporary binder, the combination  
5 of the cover, the strip in the back of said cover, the angle-bracket riveted to said strip, the screw countersunk in the projecting portion of said bracket, and the apertured plate confining the screw in said countersink.

10 4. In a temporary binder, the cover adapted to embrace a book or periodical, the back

portion of said cover carrying a projecting bracket, a gimlet-pointed screw swiveled in said bracket and extending laterally therefrom adapted to screw into the book to retain it within said cover. 15

In testimony whereof I sign this specification in the presence of two witnesses.

EVAN W. CORNELL.

Witnesses:

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