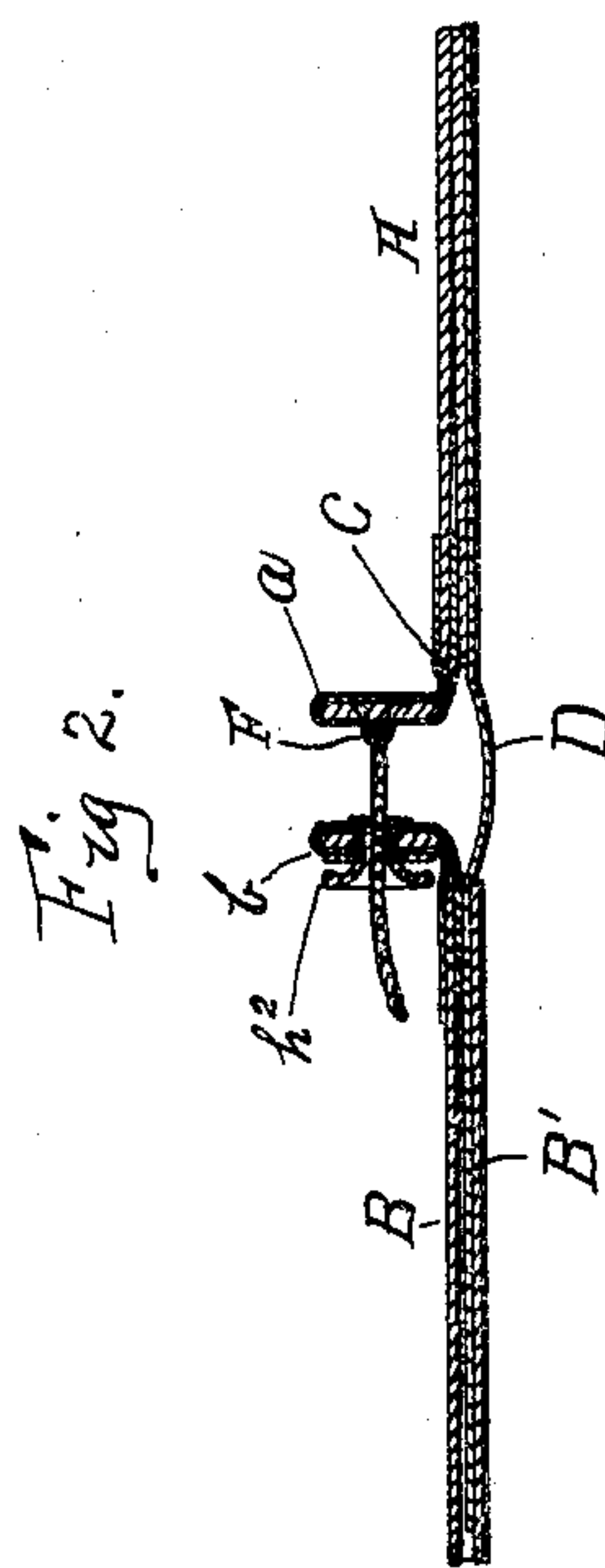
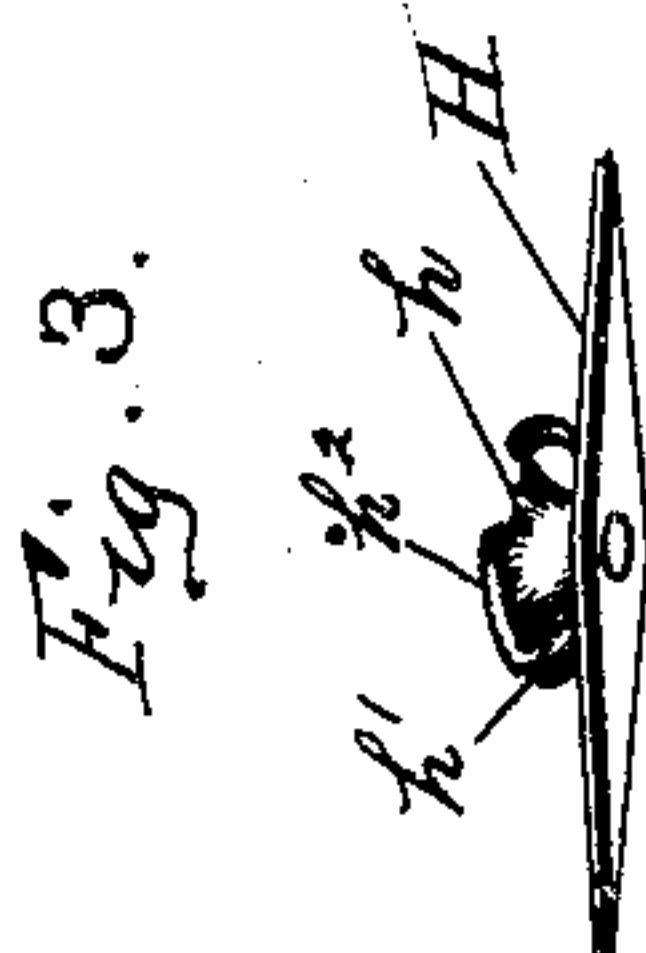
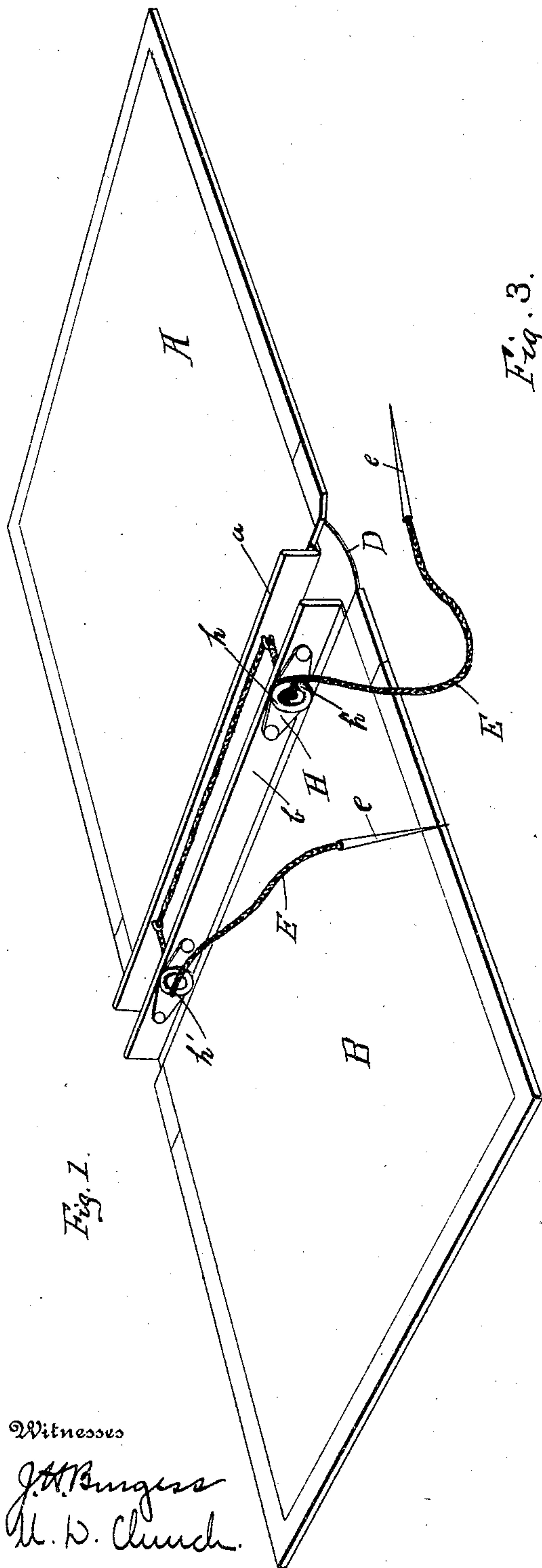


No. 794,529.

PATENTED JULY 11, 1905.

B. F. METHVEN.  
BINDER FOR PAPERS, PAMPHLETS, &c.  
APPLICATION FILED AUG. 31, 1904.



Witnesses

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# UNITED STATES PATENT OFFICE.

BENJAMIN F. METHVEN, OF CHICAGO, ILLINOIS.

## BINDER FOR PAPERS, PAMPHLETS, &c.

SPECIFICATION forming part of Letters Patent No. 794,529, dated July 11, 1905.

Application filed August 31, 1904. Serial No. 222,882.

*To all whom it may concern:*

Be it known that I, BENJAMIN F. METHVEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Binders for Papers, Pamphlets, &c.; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

This invention relates to improvements in binders for papers, pamphlets, &c., the objects of the invention being to provide a structure which will hold the papers, &c., in a compact volume capable of being opened and handled like an ordinary bound book and at the same time permit of the ready insertion of papers, &c., without danger of disarranging those previously placed in position.

A further object of the invention is to provide an improved retaining mechanism whereby the thickness of the volume will not be increased and all danger of the cords becoming accidentally loosened even when the volume becomes very thick is effectually overcome.

Referring to the accompanying drawings, Figure 1 is a perspective view of a binder embodying the present improvements, the binder being shown open, but without any papers or pamphlets held therein. Fig. 2 is a transverse section. Fig. 3 is an enlarged perspective of one of the cord fasteners, a portion being broken away to illustrate the sectional form more clearly.

Similar letters of reference in the several figures indicate like parts.

The binder is formed with stiff covers A B, which may be in style and finish similar to the covers of ordinary books, and at their rear edges each cover is provided with a flexibly-attached stub *a b*, respectively.

The stubs *a b* are usually stiffened longitudinally or are formed of stiff material and connected to the cover by flexible hinges. It is found most convenient to form the hinges by extending the covering material of the stubs on both sides and gluing the extensions to different surfaces of the cover, or, in other

words, gluing a lamina of the cover between the flexible extensions, as indicated at C in Fig. 2, thus not only forming a secure fastening, but affording a protection for the edge of the cover itself.

Outside of the stubs cover A is provided with a flexible back D, extending from its rear edge, while the cover B is provided with a pocket between the parts B B', opening at the rear edge for the reception of the loose end of the back D, so as to form a flexible extension-back which will permit of the volume being made thick or thin as the occasion requires or the number of papers or pamphlets varies. Said flexible back and pocket may be used or omitted, as desired.

The papers or pamphlets are held between the stubs *a b* and are retained by a cord or lacing E, having sharpened tags *e* at the ends. Said lacing is in practice of a special weave, circular in section to fit the fasteners, and the tags are of stiff brass, accurately pointed to easily penetrate the papers, and thereby avoid the necessity of employing a punch.

Eyelets F are firmly secured in the stub *a*, and corresponding apertures are formed in the stub *b* for the passage of the lacing. Registering with the apertures in the stub *b* and firmly secured to its outer face are lacing fasteners or securers adapted to firmly fasten or secure the lacing against slipping without increasing materially the thickness of the binder.

The fasteners are of metal and have a base-plate H, adapted to be secured to the stub by rivets, and a central button *h*, having a side split or recess *h'* and a central aperture. The rim of the button is thickened to form a bead *h<sup>2</sup>* on the under side, and this bead preferably extends down the sides of the split or recess *h'*, thus forming a chamber into which the lacing may be drawn and wherein it will be retained securely, the beaded edges of the recess serving as gripping edges at the points where the lacing enters and leaves the chamber around the button.

The fasteners are mounted on the stub with the recesses in the buttons away from each other, and in filing papers, &c., the ends of the lacing are first passed through the papers at the proper points, then through the fasten-



ers, and drawn in opposite directions through the recesses in the rims of the buttons. When sufficiently taut, they are wrapped once around the buttons and drawn toward each other through the recesses. The ends may then be secured together by a bow-knot or otherwise to hold them in place.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a binder the combination with the two covers and a lacing with means for securing said lacing to one of the covers, of a stub flexibly secured to the rear edge of the other cover and perforated for the passage of the ends of the lacing and fasteners for the lacing secured to the face of the stub against which the cover closes, said fasteners embodying

buttons having recesses in their flanges and beaded edges; substantially as described. 20

2. In a binder, the combination with the two covers each having a stub flexibly secured to its rear edge, and a lacing, of eyelets projecting from the inner face of one of said stubs for the passage of the lacing, and fasteners for the ends of the lacing secured on the outer face of the opposite stub and embodying base-plates and centrally-perforated buttons having side recesses and beaded flanges forming chambers behind the beads into which the lacing may be drawn; substantially as described. 25 30

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Witnesses:

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