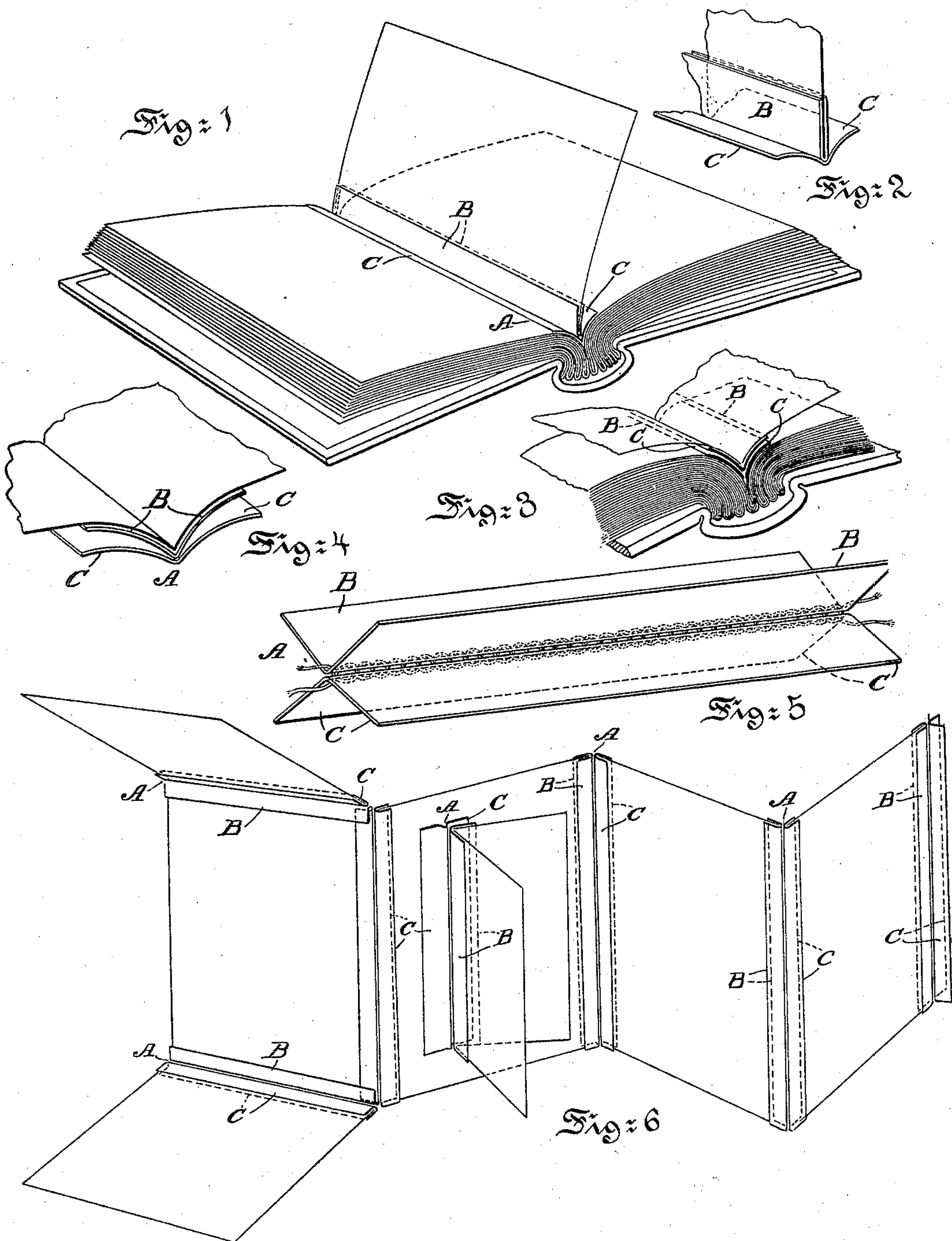


(No Model.)

S. M. SIMONS.
BINDER.

No. 584,488.

Patented June 15, 1897.



Witnesses:

W. A. Schaefer.
J. Craig Shields.

Inventor.

Samuel M. Simons.

By his attorney Chas. A. Rutter

UNITED STATES PATENT OFFICE.

SAMUEL M. SIMONS, OF DARBY, PENNSYLVANIA.

BINDER.

SPECIFICATION forming part of Letters Patent No. 584,488, dated June 15, 1897.

Application filed October 26, 1896. Serial No. 610,073. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL M. SIMONS, a citizen of the United States, and a resident of Darby township, Delaware county, Pennsylvania, have invented certain new and useful Improvements in Binders, of which the following is a specification.

My invention relates to improvements in binders; and the object of my invention is to furnish a binder which may be used equally well for fastening a loose leaf in a book, for inserting and securing in a book an additional single or double leaf, for securing and hinging together the edges of sample-cards, so that they may be folded over one against the other, for securing in a scrap-book a clipping, card, or letter, so that both its sides can be referred to, and for other purposes of a like nature.

In the accompanying drawings, forming part of this specification and in which similar letters of reference indicate similar parts throughout the several views, Figure 1 is a perspective view of a book, showing a leaf secured in place with my binder; Fig. 2, a perspective view of part of the binder and part of a leaf held by the upper part of the binder; Fig. 3, a perspective view of part of a book, showing the binder securing in place a double leaf; Fig. 4, a perspective view of part of the binder, the upper part of which is secured to part of a double leaf; Fig. 5, a perspective view of the binder; Fig. 6, a perspective view of a number of sample-cards fastened together with my binder, showing also the binder fastening a double leaf to one of the faces of one of the sample-cards.

My binder A consists of two long narrow strips of paper or fabric B C, secured together back to back along their central longitudinal axes by sewing or otherwise and having their outer faces either gummed or adapted to receive gum or some other suitable adhesive material.

If the binder is to be used for fastening in its place a leaf that has been torn from a book, or for inserting an additional leaf in a book, the gum upon one of the strips, as C, is moistened, and this strip is secured half to one of the leaves upon one side of the loose leaf and half to the leaf upon the opposite side of the loose leaf, the attachment being

made to the bases of the leaves, as shown in Fig. 1. The gum upon the strip B is now moistened, and the two sides of this strip are brought up, one engaging one side of the loose leaf and the other its other side. The leaf is thus fastened in place in the book, and as the strip B is hinged to the strip C the inserted leaf turns about the hinge precisely as do the other leaves of the book about their fastenings.

If a double leaf is to be secured in the book, one of the strips, as B, is secured to the base of the leaf, as shown in Fig. 4, and the under strip, as C, is secured to the adjacent leaves of the book, as shown in Fig. 3. In this latter case, as in the former one, the inserted leaf turns as freely as do the other leaves of the book.

If the binder is to be used for securing two sample-cards together, the gum upon the faces of the strips is moistened, and one strip engages both sides of one of the ends of one card, while the other strip engages both sides of one of the ends of the other card, as shown in Fig. 6. Any number of cards may thus be fastened together, and when so fastened, the binder forming a hinge, may be folded one against the other, so as to form a species of book.

The binder may be used very advantageously in securing to the leaves of a scrap-book cards, clippings, or letters both sides of which it is desired to see. When it is to be used for this latter purpose, one of the strips, as C, is secured to the leaf of the book, as shown in Fig. 6, while the other strip clasps the card, clipping, or letter, which may be turned so that both sides may be seen, and which when the book is closed lies perfectly flat against the leaves of the book.

My binder may be constructed of paper, parchment, fabric, or any other suitable material, and the two strips forming it may be secured together along their longitudinal axes by thread, wires, glue, or in any other suitable manner. The faces of the strips may be originally coated with gum, or the gum or paste may be applied to them when the binder is put in use.

I prefer to secure the two strips forming the binder together by thread and to then have the surfaces gummed. When this is

done, the stitches are held by the gum and the fastening is thereby increased in strength.

Having thus described my invention, I claim—

- 5 1. A binder consisting of two strips of paper, fabric, or other material, united or hinged along their longitudinal axes and gummed upon their outer faces substantially as and for the purposes set forth.
- 10 2. The combination in a binder of two strips

of paper, fabric, or other suitable material, a thread sewed through both strips along their longitudinal axes, and gum or adhesive substance completely covering the outer faces of said strips and said stitches, all substantially as and for the purposes set forth. 15

SAM. M. SIMONS.

Witnesses:

W. F. FOWLER,
HUGH A. SCOTT.