(No Model.)

E. W. & J. F. SNOW.

COMBINED BOOK COVER AND REMOVABLE LEAF.

No. 337,027. Patented Mar. 2, 1886.

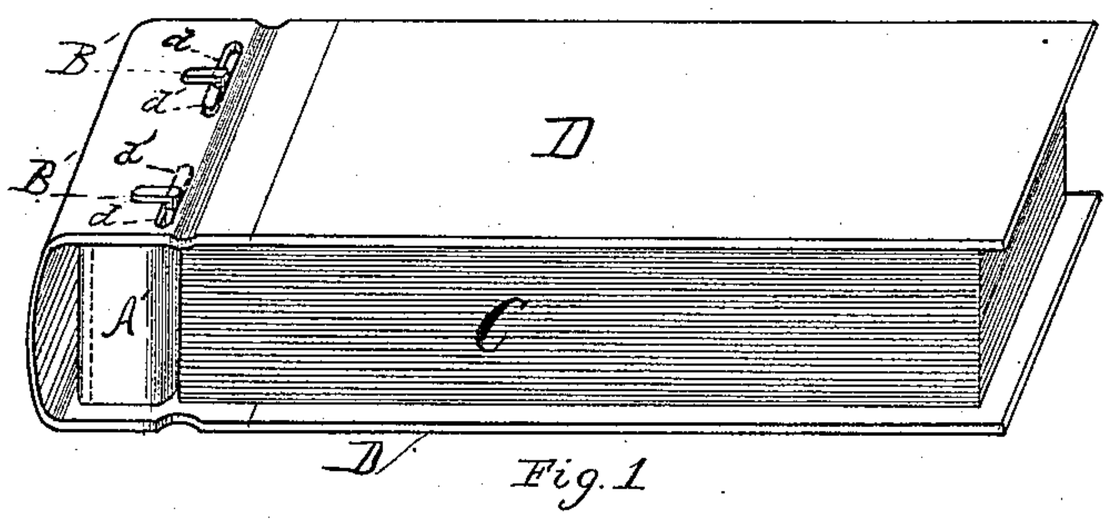

Fig. 1

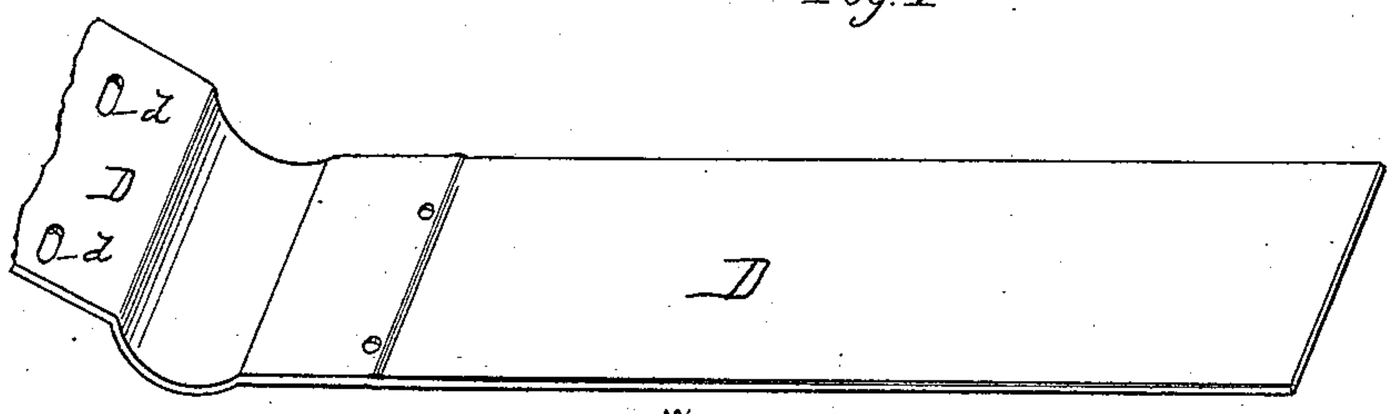

Fig. 2

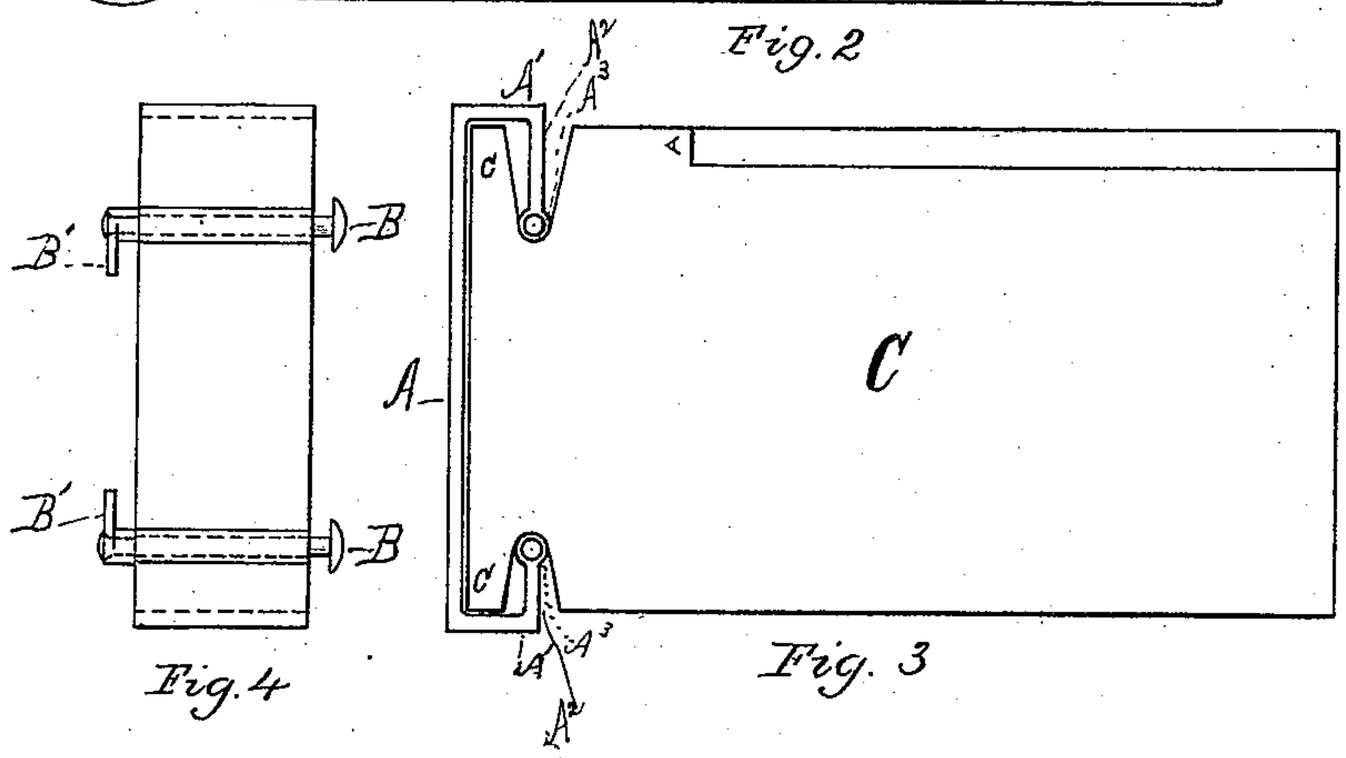

Fig. 4

Fig. 3

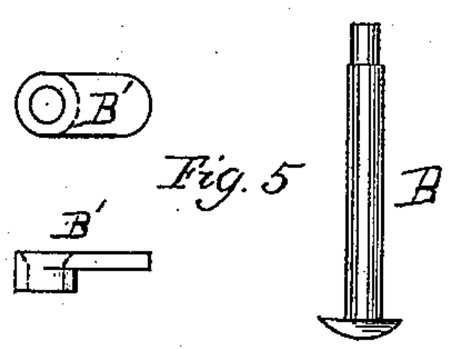

Fig. 5

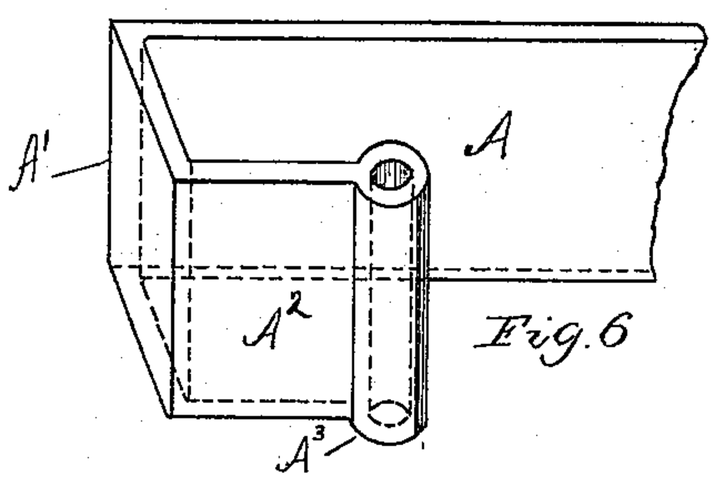

Fig. 6

Witnesses:

Richard A. Bailey.

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Inventors.

Elmer W. Snow

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By Henry Mark Jr. Attorney.

UNITED STATES PATENT OFFICE.

ELMER W. SNOW AND JAMES FRANK SNOW, OF PAWTUCKET, RHODE ISLAND.

COMBINED BOOK-COVER AND REMOVABLE LEAF.

SPECIFICATION forming part of Letters Patent No. 337,027, dated March 2, 1886.

Application filed December 17, 1884. Serial No. 150,598. (No model.)

To all whom it may concern:

Be it known that we, ELMER W. SNOW and JAMES FRANK SNOW, both citizens of the United States, residing at Pawtucket, in the county of Providence, in the State of Rhode Island, have invented a new and useful Combined Book-Cover and Removable Leaf, of which the following is a specification.

Our invention relates to an adjustable petty ledger in which the bill-heads or leaves are inserted separately or alternated with a series of index-leaves; and it consists in a flexible-backed cover, a series of leaves open-slotted at their sides, a rigid back-piece having inwardly-bent arms adapted to engage with the slots in the leaves, and a locking device, substantially as described, the whole combined in the manner and for the purpose stated.

The accompanying drawings form a part of this specification.

Figure 1 is a perspective view. Fig. 2 is a perspective view of the cover, the leaves and rigid back-support being removed. Fig. 3 is a top plan of the rigid back-piece. Fig. 4 is a front elevation of same with the locking device. Fig. 5 shows the locking device in detail, and Fig. 6 is an elevation on a large scale of a part of the back-piece.

Similar letters of reference denote like parts in all the figures where they occur.

A is a rigid back-piece, having its arms A′ A^2 bent inwardly toward each other, as shown in Fig. 3, so as to leave intermediate spaces between them and the body of the back-piece. They are provided with the enlarged ends A^3, in this instance, for the reception of the locking-bolt B, which is provided at one of its ends with an elongated head, B′, capable of rotation upon the bolt to lock and unlock the leaves or bill-heads, as will be more fully explained hereinafter.

C represents the leaf or bill-head, which is open-slotted on each side adjacent to its end, so as to form the ears *c c*, adapted as to size and shape to fit into the intermediate spaces formed, as above described, by the inwardly-turned arms A′ A^2 and the back-piece A, while the arms A′ A^2 enter the open side slots of the bill-head, as shown in Fig. 3. The cover D D has a flexible back, and is provided with elongated openings *d d*, corresponding in shape with the head B′ of the locking-bolt, in order that the said heads may pass up through the openings to enable the heads to be turned into the positions indicated by the dotted lines *d′ d′* in Fig. 1, to lock the parts together. The solid lines in Fig. 1 show the heads B′ B′ partly turned after they have been passed through the openings *d d* and before they have assumed their final positions at *d′ d′* for locking.

It is obvious that instead of the bolt B there can be used to equal advantage solid parts A^3, provided at either end with starts or pinions, to which the heads can be attached, so as to rotate as do the heads on the bolts hereinbefore described, and also that some mechanical equivalent may be used instead of the rotating heads for locking purposes.

Other modifications may be made in the locking device without departing from the principle of our invention. The arms A′ A^2 may also be bent at an angle less than a right angle, or in a curve relatively to the body of the back-piece A, provided the intermediate spaces and the ears *c c* of the leaves are made to correspond.

In practical application of our invention the rigid back-piece A is secured to the cover D by the bolts B B passing through the cover at the proper point and then through the enlarged parts A^3. The bill-heads (having been first side-slotted to form ears *c c* corresponding in shape with the space between the arms A′ A^2 and the body A of the back-piece) are then placed so that the arms A′ A^2 will enter the side slots and the ears *c c* of the leaves or bill-heads lie in the aforesaid intermediate spaces. The other portion of the cover D is then brought over so that the bolt-heads B′ B′ will pass through the elongated apertures *d d*, and the heads being turned to the dotted-line positions *d′ d′*, the parts are locked together.

To remove the leaves it is only necessary to rotate the heads B′ B′ until they coincide with the apertures *d d*, when the top cover can be detached and the leaves lifted out and others substituted.

We claim as our invention—

1. The combination, with a rigid back-piece, A, having arms A′ A^2 bent inwardly toward each

other to form spaces between them and the body of the back-piece, as shown and described, of leaves or bill-heads C, open-slotted at the sides to form ears *c c*, a flexible-backed cover, D D, and a locking device, substantially as described, for securing the parts together.

2. The combination of a rigid back-piece, A, provided with arms A′ A^2 bent inwardly toward each other to form spaces between them and the body of the back-piece, with leaves or bill-heads C, open-slotted at the sides to form ears *c c* adapted to engage said spaces, as shown, a flexible-backed cover, D D, and bolts B B, provided with rotating heads B′ B′, adapted to rotate to lock and unlock the cover, as shown and described.

In testimony whereof we have hereunto set our hands, in presence of two witnesses, this 13th day of May, 1884.

ELMER W. SNOW.
JAMES FRANK SNOW.

Witnesses:
HENRY MARSH, Jr.,
CHARLES WILDE HANSON.