

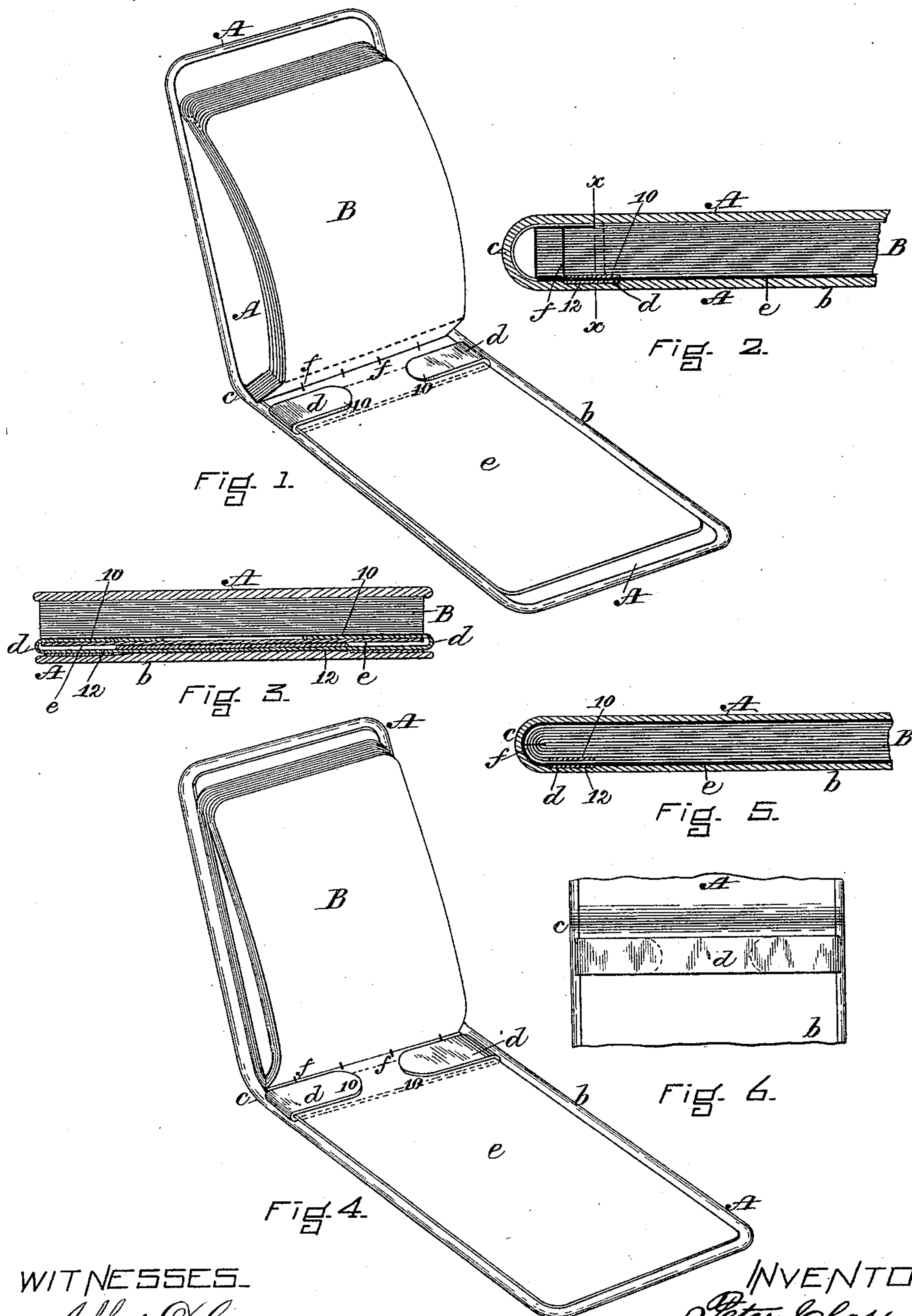
(No Model.)

P. CLOSS & J. A. HEARN.

POCKET MEMORANDUM AND OTHER BOOKS WITH DETACHABLE COVERS.

No. 371,425.

Patented Oct. 11, 1887.



WITNESSES.

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UNITED STATES PATENT OFFICE.

PETER CLOSS, OF CAMBRIDGEPORT, AND JAMES A. HEARN, OF BOSTON, MASSACHUSETTS; SAID CLOSS AND HEARN ASSIGNORS TO SAID JAMES A. HEARN.

POCKET MEMORANDUM OR OTHER BOOK WITH DETACHABLE COVER.

SPECIFICATION forming part of Letters Patent No. 371,425, dated October 11, 1887.

Application filed May 2, 1887. Serial No. 236,875. (No model.)

To all whom it may concern:

Be it known that we, PETER CLOSS, of Cambridgeport, in the county of Middlesex and State of Massachusetts, and JAMES A. HEARN, of Boston, in the county of Suffolk and State aforesaid, have invented certain Improvements in Pocket Memorandum and other Books having Detachable Covers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of one of our improved books, the pack of leaves being made up in the form of a block and perforated to adapt them to be torn off singly when desired. Fig. 2 is a longitudinal vertical section through the same, enlarged. Fig. 3 is a section on the line *xx* of Fig. 2. Fig. 4 is a perspective view of a memorandum-book constructed in accordance with our invention, in which the leaves are stitched through the back, as in an ordinary blank-book. Fig. 5 is a longitudinal vertical section through the same, enlarged. Fig. 6 is a modification to be referred to.

Our invention relates particularly to that class of books—such as pocket memorandum-books, writing-tablets, and the like—which are provided with removable covers, in order that when the leaves are written full or used up they may be replaced by a new book or series of leaves, whereby the cover may be utilized for an indefinite number of books or until worn out.

The object of our invention is to cheapen the construction of books of this description, and to provide a simple and convenient device for holding the book or pack of leaves within the cover in such manner that it can be readily attached or removed when required.

To this end our invention consists in a removable cover, one flap or section of which is provided on the inside near the back with a clasp device composed of a flat spring or springs extending from the edges of the flap in a direction parallel with the back, said spring or springs being bent or doubled over, and having the under portion permanently secured to the flap, while the upper portion, which lies directly over the under por-

tion, serves to hold the last leaf of a book, block, or writing-tablet, said last leaf, which is composed of stout material, being inserted between the cover and the spring-clasp, which thus holds the book in place in a simple and convenient manner and admits of its being readily removed from the cover by simply sliding the leaf of stout material out from beneath the clasp device, the said clasp device being arranged at such distance from the back that the wire staples or stitching of the book or block will come into contact with the edge of the clasp to form a stop to determine the position of the book or block with relation to the removable cover, as hereinafter more particularly set forth.

In the said drawings, A represents the removable cover of a book composed of any suitable material and of any desired shape. The rear flap or section, *b*, is provided on the inside, in close proximity with the back *c*, with a flat metal spring, *d*, each end of which is bent or doubled over upon itself, the under portion, 12, being secured in place by a piece of cloth or leather glued thereover, or in other suitable manner, while the upper portions, 10, extend from the edge of the cover inward toward the center directly over the under portion, 12, in a direction parallel with the back *c*. Two spring-clasps are thus formed, beneath which is inserted and slid down into place the last leaf or sheet *e* of the block or book B, this last leaf being composed of stout paper or other suitable material, to enable it to be easily inserted beneath the spring-clasps and drawn down into place without being wrinkled or bent out of shape, while the strength of the sheet *e* also prevents it from becoming easily torn or detached from the book B, thus avoiding the liability of the book and cover becoming separated. In Figs. 1 and 2 the sheets of paper are put together in the form of a block, secured together by wire staples or stitching *f*, below which the block is provided with a row of perforations to facilitate the tearing off of the sheets, the upper portions, 10, of the spring *d* being so located that when the last leaf is drawn down beneath them the stitching *f* will come in contact with their edges, and thus form a stop for deter-

mining the proper position of the book with relation to the cover. In Figs. 4 and 5 the sheets or leaves forming the book B are stitched through the back at *f* in the same manner as an ordinary blank-book, and are not intended to be torn out or detached. In this case the flat spring-clasps are placed closer to the back than those shown in Figs. 1 and 2, so that when the thick leaf *e* of the book is drawn down between the clasps and the flap *b* the contact of the stitching through the back with the edges of the said clasps will determine the proper relative position of the book within the cover, as before described. When the block or book has been used up or written full, it can be easily removed from the cover A by drawing the thick leaf *e* out from beneath the spring-clasps, when a new one can be readily inserted in its place, thus enabling the same cover to be used for any desired number of books or blocks until it is worn out.

A removable cover provided with our improved spring-clasps, constructed as described, presents many advantages over those heretofore constructed for a similar purpose, for the reason that it can be employed for holding a block of sheets as well as a book stitched through the back, whereas the clasping devices hitherto employed have been adapted for holding the one or the other, but not both.

Instead of the two spring-clasps being made in a single piece, they may be formed in two separate pieces, and, if desired, the upper por-

tion of the flat spring *d* may extend entirely across the flap *e* from one edge to the other, as seen in Fig. 6; but we prefer the construction first described.

What we claim as our invention, and desire to secure by Letters Patent, is—

A removable book-cover having one of its flaps or sections provided on the inside near the back with a flat spring or springs extending inward from the edges in a direction parallel with the back, said spring or springs being bent or doubled over, and having the under portion permanently secured to the flap and the upper portion located directly over the under portion to form a spring-clasp, in combination with a book, block, or writing-tablet having its last leaf composed of stout material, adapted to be slid in between the cover and the said spring-clasp, the latter being arranged at such distance from the back *c* that the wire staples or stitching *f* of the book or block will come into contact with the edge of the clasp to form a stop to determine the position of the book or block with relation to the removable cover, substantially as set forth.

Witness our hands this 29th day of April, A. D. 1887.

PETER CLOSS.
JAMES A. HEARN.

In presence of—

P. E. TESCHEMACHER,
EDWIN F. EDGETT.