

(No Model.)

I. MOORE.
COPYING BOOK.

No. 576,219.

Patented Feb. 2, 1897.

Fig. 1.

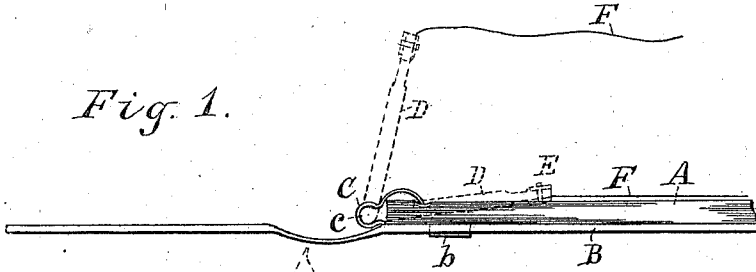


Fig. 2.

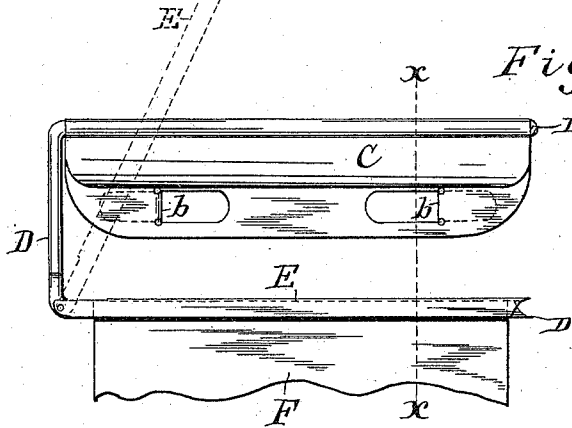


Fig. 3.

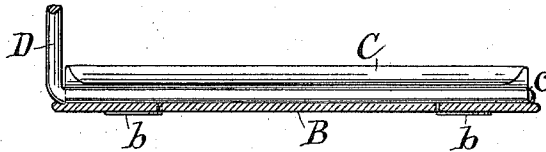
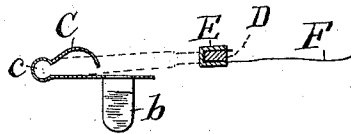


Fig. 4



Witnesses.

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UNITED STATES PATENT OFFICE.

ISAAC MOORE, OF TORONTO, CANADA, ASSIGNOR TO THE CARTER-CRUME COMPANY, OF NIAGARA FALLS, NEW YORK.

COPYING-BOOK.

SPECIFICATION forming part of Letters Patent No. 576,219, dated February 2, 1897.

Application filed August 3, 1896. Serial No. 601,464. (No model.)

To all whom it may concern:

Be it known that I, ISAAC MOORE, of Toronto, in the county of York, Dominion of Canada, have invented new and useful Improvements in Copying-Books, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to certain improvements in copying-books or counter check-books, and the object is to provide a spring-clip for holding the book or tablet to the cover, with new and improved means for holding the carbon-sheet.

To this end my invention consists in the combination, with a spring-clip formed of sheet metal and having sides or jaws between which is held the tablet at its bound end, one of said jaws being flat and secured to the cover of the book and the other being curved to bear with its edge upon the tablet, said clip being provided with a pivotal bearing at its heel, of the swinging frame of the carbon-sheet holder opening on one side and a bar, U-shaped in cross-section, pivoted at one end to one corner of the frame and having its free end extending to the free end of the frame and inclosing the free side of the frame; and my invention consists in certain other combinations of parts hereinafter described, and specifically set forth in the claims.

In the drawings hereto annexed and forming a part of this specification, Figure 1 is a side elevation of the central portion of a book provided with my invention. Fig. 2 shows a top plan view of the clip removed from the book, a portion of the carbon-sheet being shown in the carbon-sheet holder. Fig. 3 is the front side view of the clip, the cover of the book being shown in section; and Fig. 4 is a sectional view of the clip and carbon-sheet holder, taken on line *xx* of Fig. 2.

Referring specifically to the drawings, A is the tablet or pile of leaves forming the book. These leaves may be printed or folded, or both, in any suitable and well-known manner not necessary to be herein shown or described.

B is the cover of the book, which is preferably adapted to bend at its center to inclose the tablet, but may be of any suitable form.

C is the spring clamp or clip for holding

the tablet A in place upon the cover B. The clip is formed of sheet metal and is substantially U-shaped in cross-section. The lower side is flat, extended in advance of the upper side, and is preferably provided with spurs *b b*, which extend through the cover B to secure the latter to the clip, as shown. The upper side or jaw of the clip is curved or arched, so that its edges will press into the tablet in advance of the staples or stitches securing the leaves together to retain the tablet in place. The corners of the jaws of the clip are preferably rounded, so that the tablet may be easily introduced between the jaws or sides of the clip by sliding it sideways. At the rear or heel of the clip and extending its entire length is a cylindrical pivotal bearing *c* for the frame of the carbon-sheet holder to turn in. This pivotal bearing is formed by suitably bending the sheet metal forming the clip to form a loop. The loop is quite large and serves also to add to the resiliency of the clip.

The spurs *b b* in the clip are formed integral therewith in a manner well known and are bent downward at right angles to the lower side before being introduced into the cover B, as shown in Fig. 4. After being inserted through the cover they are bent upward and outward, as shown in the other figures of the drawings, thus securing the clip firmly to the cover.

D is the frame of the carbon-sheet holder, which is substantially three sides of a rectangle, one of its long sides being pivoted in the pivotal bearing *c* and expanded at the end to prevent it from sliding out and the other long side being flattened and provided with a bar E, U-shaped in cross-section, pivoted at one end to a corner of the frame and adapted to inclose the flattened side thereof, the free end of the said bar extending to the free end of the frame D, which is entirely open on its side.

The frame D is rectangular in shape, but with one of its short sides entirely removed. The free end of the frame and the free end of the pivoted bar are beveled to allow the latter to be opened and turned on its pivot easily. The carbon-sheet F is held at its end between the flattened side of the frame

and the pivoted bar. The broken lines in Fig. 2 show the pivoted bar E open to receive the carbon-sheet. This carbon-sheet holder is exceedingly simple, does not require coiled springs, and yet holds the sheet securely. The swinging frame D being open on the side allows the carbon-sheet to be more easily and readily inserted and withdrawn when desired; but the greatest advantage derived by having the side of the frame open lies in the increased facility with which the leaves may be turned back over the clip upon the open cover. It is only necessary to move the leaf to one side and pass it in between the carbon-sheet holder and the clip through the open side of the frame.

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

1. In a copying-book, the combination with the tablet and the cover, of a spring-clamp secured to the cover and holding the tablet at its bound end, said clamp having a pivotal bearing therein, a three-sided frame having one of its sides extending through the said pivotal bearing and the opposite parallel side being flattened and forming one of the members of the carbon-sheet holder, a bar pivoted at one end at a corner of the frame and extending to the open side thereof, and the carbon-sheet held at its rear edge between the bar and frame as set forth.

2. In a copying-book, the combination with the tablet and the cover, of a spring-clamp secured to the cover and holding the tablet at its bound end, said clamp having a piv-

otal bearing therein, a three-sided frame having one of its sides extending through the said pivotal bearing and the opposite parallel side being flattened and forming one of the members of the carbon-sheet holder, a bar U-shaped in cross-section, pivoted at one end to a corner of the frame and extending to the open side of the frame, the said bar being adapted to inclose the flattened side of the frame and hold the carbon-sheet between the parts, as set forth.

3. In a copying-book, the combination with the tablet and the cover, of a spring-clamp formed of sheet metal having a cylindrical pivotal bearing at its heel, the lower side of the clamp being extended beyond the upper side and provided with spurs integral with the flat side, said spurs extending through the cover and securing it to the clamp, the upper side being arched and bearing with its edge upon the tablet, a three-sided frame having one of its sides extending through the said pivotal bearing and the opposite parallel side flattened and forming one of the members of the carbon-sheet holder, a bar pivoted at one end at a corner of the frame and extending to the open side thereof, and the carbon-sheet held at its rear edge between the bar and the frame, as set forth.

In testimony whereof I have hereunto signed my name.

ISAAC MOORE. [L. S.]

Witnesses:

W. URQUHART,
THOS. URQUHART.