

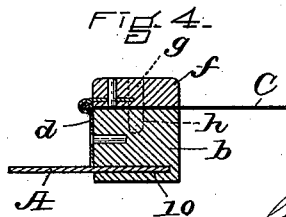
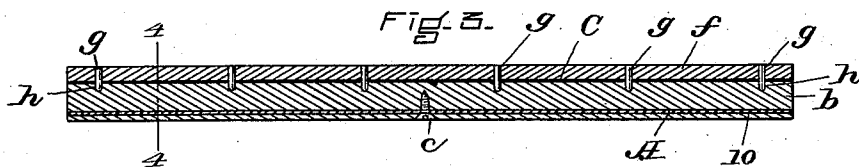
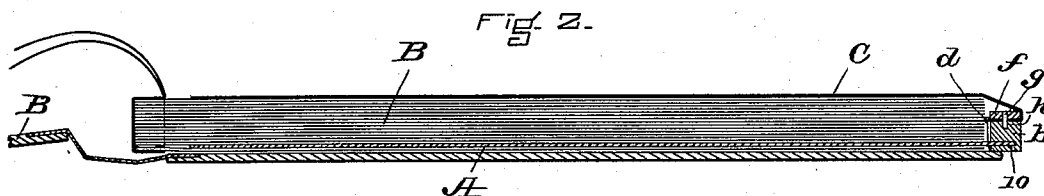
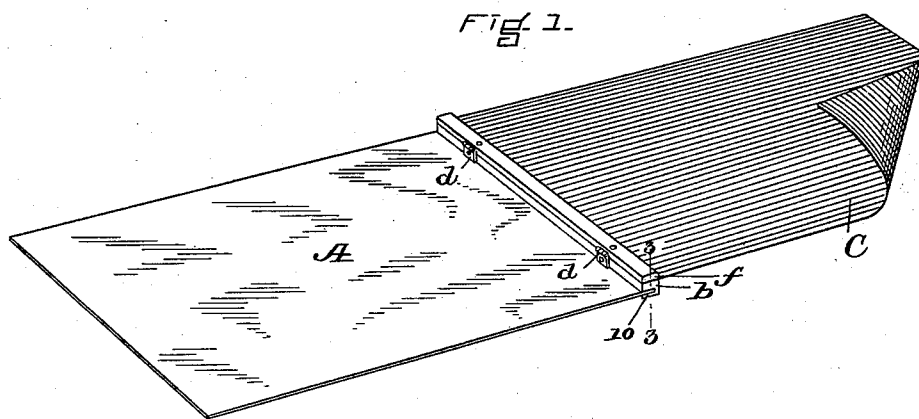
(No Model.)

C. S. BINNER.

CARBON SHEET HOLDER FOR MANIFOLDING BOOKS OR PADS.

No. 572,241.

Patented Dec. 1, 1896.



WITNESSES.

A. D. Mover.

F. L. Marden.

INVENTOR.

Charles S. Binner
by P. C. Eschmacker
Atty

UNITED STATES PATENT OFFICE.

CHARLES S. BINNER, OF MALDEN, MASSACHUSETTS.

CARBON-SHEET HOLDER FOR MANIFOLDING BOOKS OR PADS.

SPECIFICATION forming part of Letters Patent No. 572,241, dated December 1, 1896.

Application filed August 29, 1896. Serial No. 604,290. (No model.)

To all whom it may concern:

Be it known that I, CHARLES S. BINNER, a citizen of the United States, residing at Malden, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Carbon-Sheet Holders for Manifolded Books or Pads, 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 my improved carbon-sheet holder. Fig. 2 is a vertical section of the same inserted between the leaves of a pad or book. Fig. 3 is an enlarged longitudinal vertical section of the clamping device at the edge of the base-plate on the line 3 3 of Fig. 1. Fig. 4 is an enlarged transverse vertical section on the line 4 4 of Fig. 3.

My invention relates to an improved device for holding a sheet of carbon or manifolded paper in a convenient position for use in connection with a manifolded book or pad; and it consists in a carbon-sheet holder comprising a base-plate or tablet adapted to be inserted between the leaves of a book or pad and provided along one edge with a clamping device for holding the edge of the carbon-sheet, said device consisting of a pair of clamping-bars arranged to hold the edge of the sheet between them at a point above the level of the base-plate, whereby the carbon-sheet can be used continuously without changing the position of the base-plate in the pad or book after it has been once placed between the leaves of the same, much inconvenience as well as the liability of tearing the carbon-sheet in removing the duplicate copies being thereby avoided.

In the said drawings, A represents a base-plate or tablet, preferably composed of sheet metal to adapt it to be conveniently inserted between the leaves of a manifolded book or pad B, as shown in Fig. 2. To one edge of the base-plate A is fitted a bar *b*, which is secured thereto in any suitable manner, in the present case by inserting the edge of the plate within a narrow slit or groove 10, formed in the side of the bar near its bottom, and fastening it therein by means of one or more screws or rivets *c*. To the inner edge of this bar *b* is hinged at *d d* a similar bar *f*, the two

bars forming a clamping device for holding between them a carbon or manifolded sheet C.

To prevent any liability of slip and more securely hold the edge of the carbon-sheet, I preferably provide one of the clamping-bars with a series of pins *g*, which pass through the carbon-sheet and enter corresponding holes *h* in the opposite bar, as shown in Figs. 3 and 4, the friction of the pins in the holes serving to keep the upper bar in place after it has been closed down upon the sheet. If, however, the pins and holes are dispensed with, a suitable catch would be required to hold the two bars closely together with the edge of the carbon-sheet between them. By thus hinging the two clamping-bars together on the inner side they are adapted to receive the edge of the carbon-sheet inserted from the outer side, whereby when said sheet is to be used it must be folded backward over the top of the upper bar, as shown in Fig. 2, before it can be placed between the leaves of the book or pad. This brings it always above the level of the base-plate A, which is an important advantage, as the base-plate can be inserted between the leaves of the book or pad near its bottom, as shown in Fig. 2, and can then remain in this position until the book is used up, whereas in holders hitherto in use the position of the plate between the leaves must be changed each time a new set of duplicate copies are to be made. Furthermore, with the carbon-sheet held, as heretofore, close down to the base-plate and extending inwardly from its clamping device, when the book-leaf was thrown over, after having been written upon, it was liable to come into contact with and tear the carbon-sheet or become soiled by such contact, which objections are entirely overcome by clamping the sheet so that it will extend outward into a position that requires it to be folded backward over the top of the upper clamping-bar, as with this arrangement the duplicate copies can be more conveniently removed from the book or pad without liability of tearing the carbon-sheet.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A carbon-sheet holder comprising a base-plate or tablet adapted to be inserted between the leaves of a book or pad and provided along

- one edge with a clamping device for holding the edge of the carbon-sheet, said device consisting of a pair of bars hinged together on the inner side and adapted to be opened to receive the edge of the carbon-sheet inserted from the outer side, whereby said sheet is adapted to be folded backward over the top of the upper clamping-bar to bring it into position for use, substantially as described.
2. A carbon-sheet holder comprising a base-plate or tablet adapted to be inserted between the leaves of a book or pad and provided along one edge with a clamping device for holding the edge of the carbon-sheet, said device consisting of a pair of bars hinged together on the inner side and adapted to be opened to receive the edge of the carbon-sheet inserted from the outer side, whereby said sheet is adapted to be folded backward over the top of the upper clamping-bar to bring it into position for use, and said clamping-bars being provided, one with pins and the other with holes to receive said pins when the upper bar is closed down onto the carbon-sheet, substantially as described.
- Witness my hand this 26th day of August, A. D. 1896.
- CHARLES S. BINNER.
- In presence of—
P. E. TESCHEMACHER,
B. L. MARDEN.