

(No Model.)

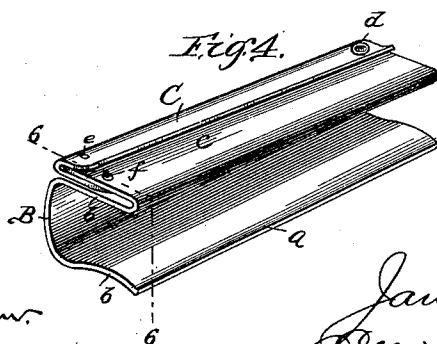
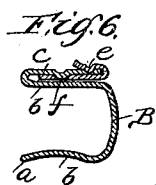
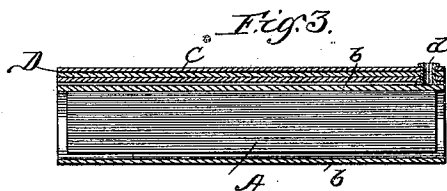
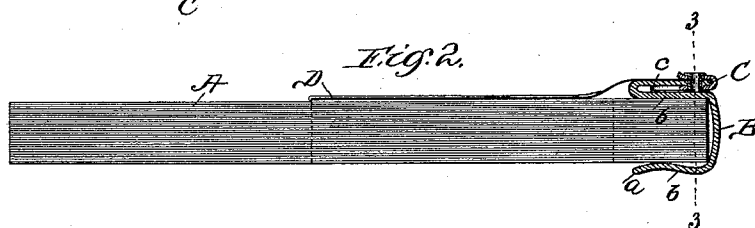
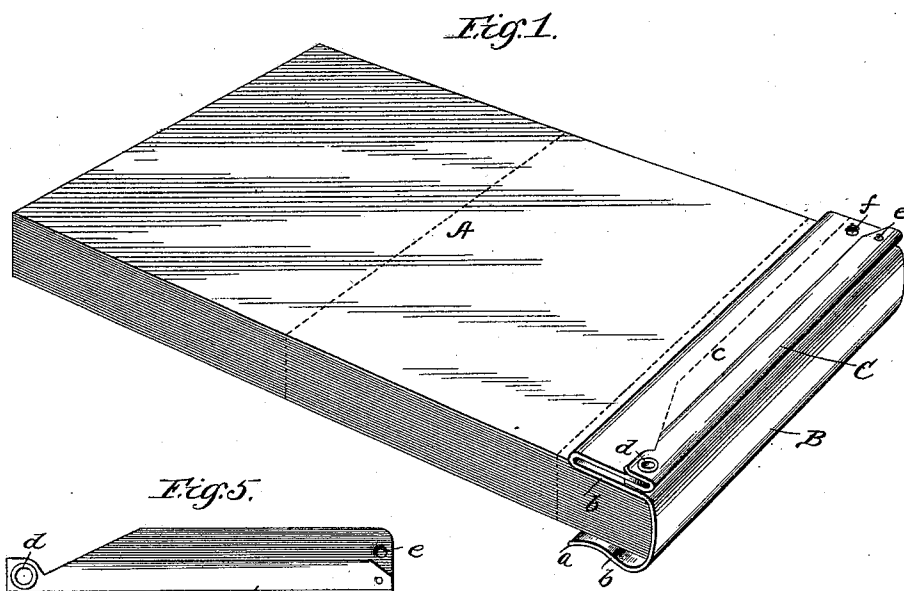
2 Sheets—Sheet 1.

J. S. McDONALD.

COMBINED BOOK AND CARBON SHEET HOLDER.

No. 479,014.

Patented July 19, 1892.



Witnesses:

Wm. M. Rheem.

R. B. Quohundo

Inventor:

James S. McDonald

By Elliott H. Quohundo
Atty's.

(No Model.)

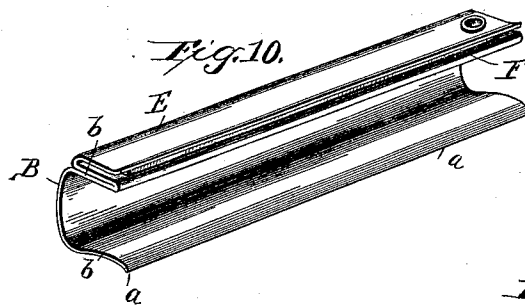
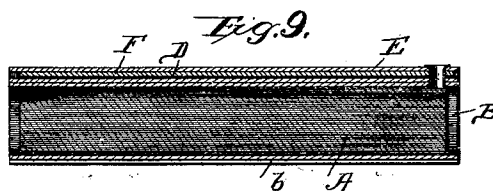
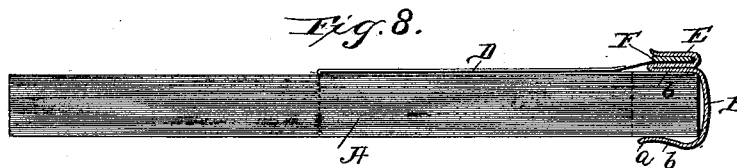
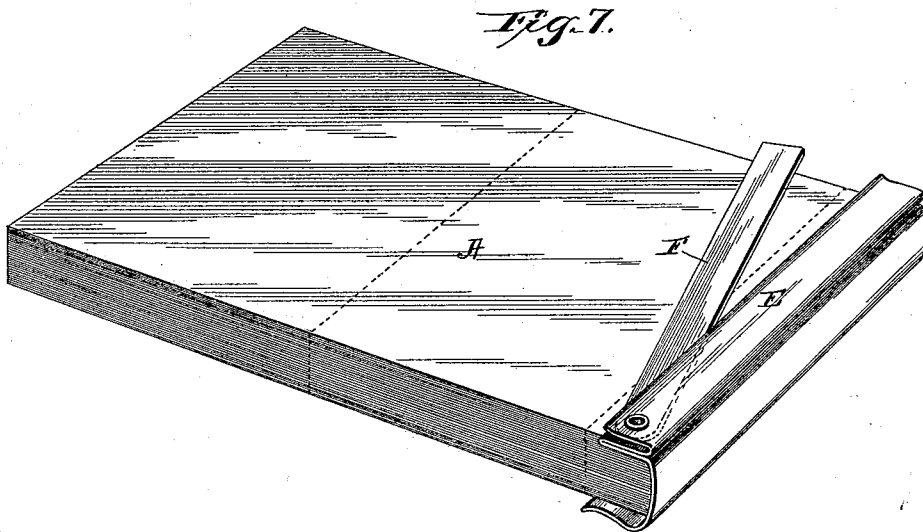
2 Sheets—Sheet 2.

J. S. McDONALD.

COMBINED BOOK AND CARBON SHEET HOLDER.

No. 479,014.

Patented July 19, 1892.



Witnesses:

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UNITED STATES PATENT OFFICE.

JAMES S. McDONALD, OF CHICAGO, ILLINOIS.

COMBINED BOOK AND CARBON-SHEET HOLDER.

SPECIFICATION forming part of Letters Patent No. 479,014, dated July 19, 1892.

Application filed August 3, 1891. Serial No. 401,591. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. McDONALD, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Carbon-Sheet and Book Holders, of which the following is a specification.

This invention relates to improvements in carbon-sheet and book holders, in which the carbon-sheet is removably held in its operative position relative to the leaves of the back and with one end free, so that it may be folded back or over out of the way for the removal of the book-leaves after they have been marked upon and again returned to its operative position relative to said book-leaves.

This invention further relates to holders binding the several sheets or leaves in book form, but removable from the stubs after the book-leaves have been exhausted and attachable to a new series of book-leaves constituting a new book, which the holder serves to bind.

One object of this invention is a carbon-sheet holder so constructed that the carbon-sheet may be inserted therein with a minimum amount of handling, and which, once inserted, will be held against accidental detachment in a perfectly-smooth condition and by a simple and effective means.

Another object is to combine a carbon-holder with a book-holder by the simplest possible means at a minimum cost in the production of both carbon and book holder, and in such manner that when the book-holder is once in its operative position it shall not be liable to accidental detachment, and the carbon-sheets are maintained at all times in the proper fixed relation to the book-leaves.

Further objects to be attained by my invention are hereinafter described, claimed, and illustrated in the accompanying drawings, in which—

Figure 1 illustrates a perspective view of a carbon-sheet and book holder embodying my invention in its operative position on a book, but with the carbon-sheet removed; Fig. 2, a longitudinal section of the same at one side of the center with the carbon-sheet in its operative position in the holder; Fig. 3, a longitudinal section through the holder on

the line 3 3 of Fig. 2; Fig. 4, a perspective view of the combined carbon-sheet and book holder; Fig. 5, a detail plan view of the carbon-sheet clamp detached from the holder; Fig. 6, a transverse vertical section through this holder on the line 6 6 of Fig. 4, and Figs. 7, 8, 9, and 10 perspective and sectional views of a modification of my invention.

Similar letters of reference indicate the same parts in the several figures of the drawings.

A indicates a series of sheets or blank orders, as the case may be, which are held together in book form by a holder B, which said holder consists of a sheet of spring metal bent to a substantially U-shaped form, but with one longitudinal edge *a* slightly curved outwardly to facilitate its attachment to the leaves constituting the book. The sides *b b* of this holder constitute spring-acting clamping-jaws, which after the book-leaves are inserted, hold them tightly together, the book forming a cover for the ends of said leaves and the holder in its entirety a book-back.

One of the sides of the holder is of sufficient length to be bent back upon itself from the front edge with a reverse bend to form an integral plate *c* parallel therewith, to which is secured a U-shaped clamp *C*, embracing the said plate with a spring action, and thus serving to detachably but securely fasten to the holder a carbon-sheet *D* when the end of the sheet is inserted between the clamp and plate, and this, too, independently of the means for securing the orders or leaves of the book in the holder, so that either the carbon-sheets or the orders may be removed or replaced by new ones without disturbing or detaching the other from the holder.

In practice it is preferred to pivotally secure the clamp to the plate by means of an eyelet or pivot *d* of some suitable character at one end of the clamp, so that by taking hold of its free end the clamp may be swung upon its pivot so as to embrace or release the plate, being held in its operative position embracing the plate by some suitable catch device, such as the indentations *e* therein, near the free end thereof, receiving corresponding projections *f* upon the plate, or vice versa, which catch devices are of such character that while they hold the clamp in its operative position with sufficient power to prevent the ac-

cidental displacement thereof under all ordinary conditions to which the holder will be subjected at the same time they will readily yield when sufficient pressure is put upon the clamp by the fingers. It would be no departure from the spirit of my invention, however, to dispense with the eyelet or pivot *d* and attain the same pivotal movement by indenting the clamp into the plate without necessarily puncturing either of them, or to dispense entirely with such pivot connection between the clamp and plate and have the clamp operate with sufficient spring force to be retained in its operative position without the use of either the pivot or catch devices; but for convenience in manipulation the employment of the pivot and catch devices is preferred.

In Figs. 7 to 10, inclusive, I have shown a modification of my invention in which the form or arrangement of the carbon-holding devices is the reverse of that shown in the preferred construction—that is to say, in this case the spring-clamp or U-shaped holder *E* is rigidly secured to or bent out of the metal forming the holder, and the carbon-sheet is confined therein by a binding-strip *F*, pivoted at one end to the U-shaped fixed clasp *E* and wedging or binding in between the sides of the clasp *E*, so as to secure the carbon-sheet *D* therein by a reverse operation from that of the preferred construction; but in all other respects this construction is equivalent to that of the preferred construction, but is not so desirable because of the mode of operation thereof.

While the form of my holder is believed to be broadly new whether the book and carbon-sheet holders are formed separately and rigidly secured or of a single piece of bent metal, and are so hereinafter claimed, especial advantage, utility, and economy are derived by bending both the book-holder and the carbon-sheet holder out of the same piece of metal, thereby adding strength and durability to both, and it will be readily observed by an inspection of the accompanying drawings that in both the preferred and modified constructions the book and carbon-sheet holders are formed out of a single sheet of metal, and obviously the same result may be obtained by even different bendings of the metal from those herein shown and described without departing from the spirit of my invention. It requires no especial skill to bend these two holders together, and it has been found in practice that both of the holders, when so bent from sheet metal, are not only convenient in operation, but that each performs its functions perfectly and independently of the

other and enables a rapid attachment and detachment of the sheets they respectively hold without liability of accidental detachment.

My invention is not limited to the use of the holder *B* upon sheets and blank orders, for it may be attached to a board upon which sheets or blanks are supported.

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

1. A combined book and carbon-sheet holder comprising a U-shaped book-holder composed of bent spring metal adapted to embrace and hold a series of sheets in book form and a carbon-sheet holder secured to the book-holder and provided with a spring-clamp for removably holding a sheet of carbon-paper in position for use upon the book, substantially as described.

2. A combined book and carbon-sheet holder comprising a U-shaped book-holder composed of bent spring metal adapted to embrace and hold a series of sheets in book form, a plate secured thereto, and a spring-clamp for embracing the edge of said plate, so as to constitute a carbon-sheet holder for removably holding a sheet of carbon-paper in position for use on the book, substantially as described.

3. A combined book and carbon-sheet holder comprising a removable spring book-holder adapted to hold a series of sheets in book form and a carbon-sheet holder attached to and forming a part of the book-holder for holding a sheet of carbon-paper in position for use upon the book, substantially as described.

4. A combined book and carbon-sheet holder comprising a U-shaped book-holder and a supporting-plate for the carbon-holder, composed of a single piece of bent spring metal, and a U-shaped spring-clamp for embracing the edge of said plate, so as to constitute a carbon-sheet holder, substantially as described.

5. A combined book and carbon-sheet holder comprising a U-shaped book-holder composed of bent spring metal and adapted to embrace and hold a series of sheets in book form, a plate integral with said holder, a spring-clamp for embracing the edge of said plate so as to constitute a carbon-sheet holder, and a pivot connection between one end of said clamp and the plate, substantially as described.

JAMES S. McDONALD.

Witnesses:

R. C. OMOHUNDRO,
ARTHUR F. DURAND.