

No. 612,197.

Patented Oct. 11, 1898.

G. E. DOUGHTY.
MANIFOLD BOOK.

(Application filed Sept. 17, 1897.)

(No Model.)

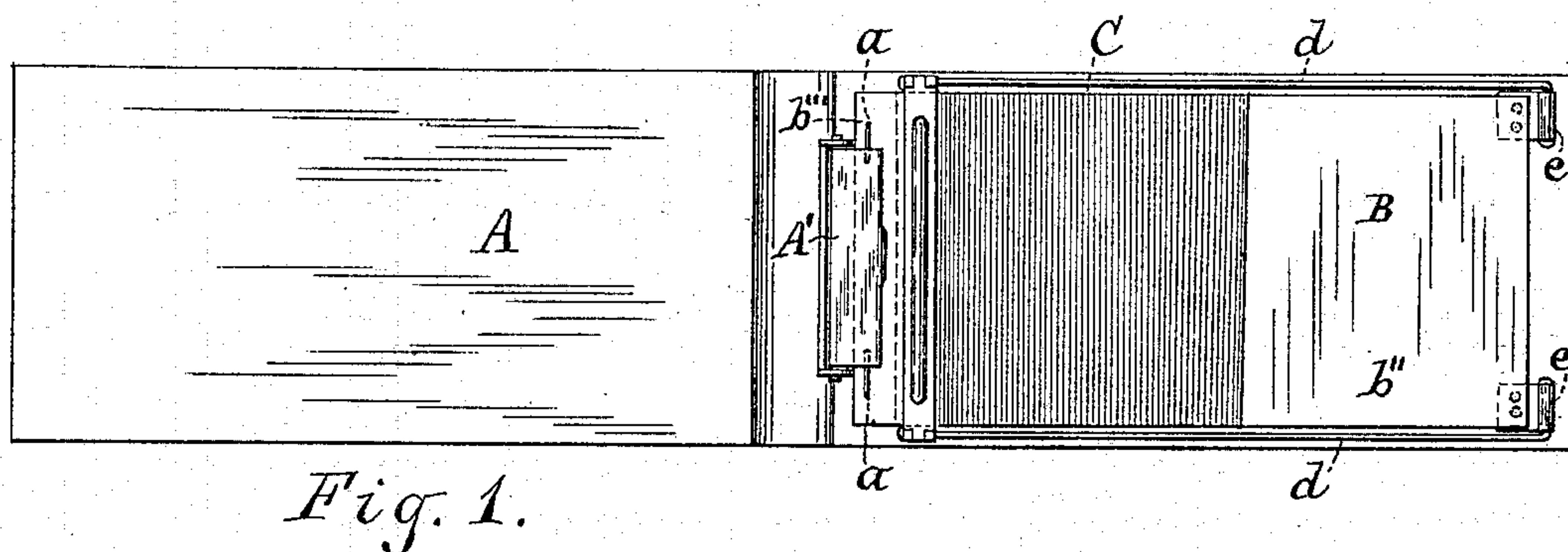


Fig. 1.

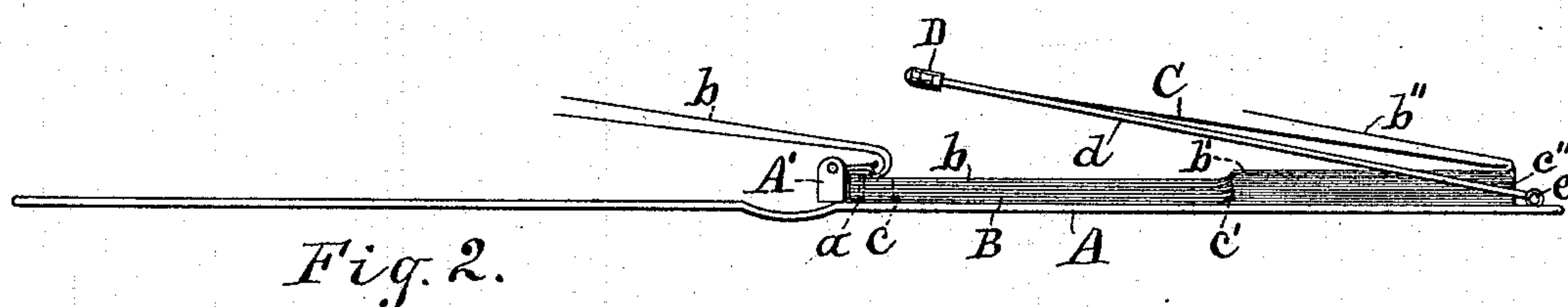


Fig. 2.

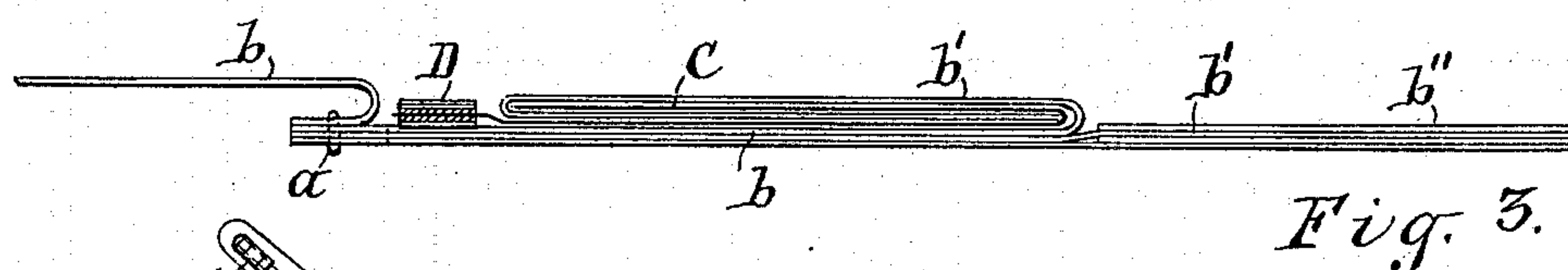


Fig. 3.

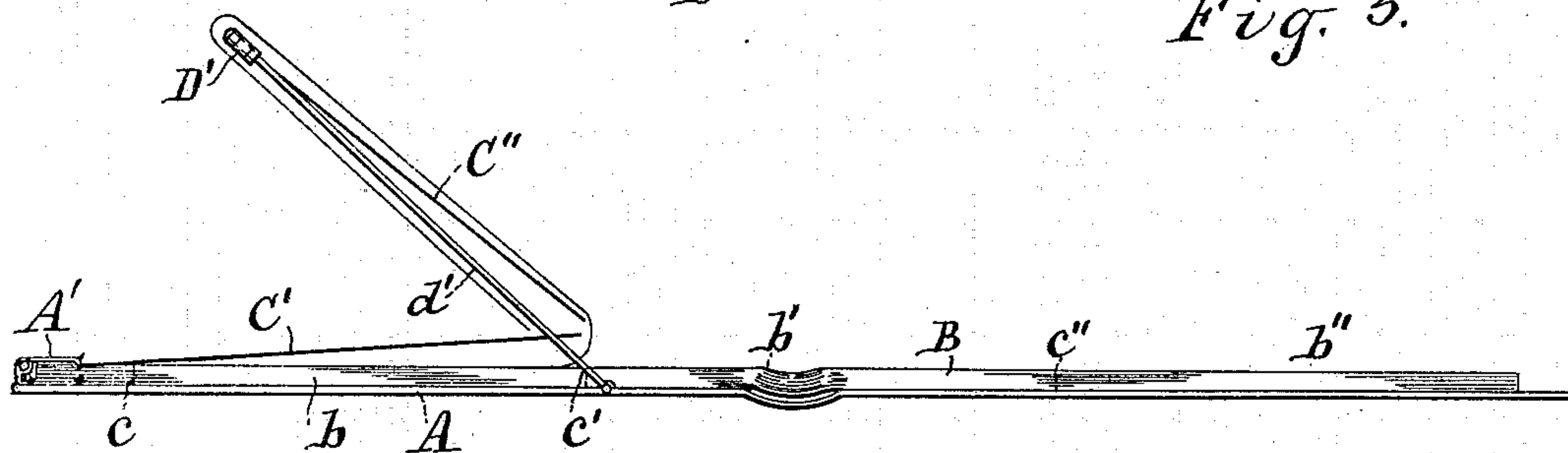


Fig. 4.

Witnesses.

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UNITED STATES PATENT OFFICE.

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MANIFOLD-BOOK.

SPECIFICATION forming part of Letters Patent No. 612,197, dated October 11, 1898.

Application filed September 17, 1897. Serial No. 652,002. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. DOUGHTY, of New York, (Jamaica,) in the county of Queens, in the State of New York, have invented new and useful Improvements in Manifold-Books, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to improvements in manifold sales-books; and the object is to provide a triplicate book that will be simple and convenient.

To this end my invention consists in the combination, with the back or cover, of full leaves divided into three sections, or leaves adapted to be folded upon each other and separated when desired, bound together at one end and secured to the cover, a carbon-sheet, arms pivoted to the cover, and a clamp on the free ends of the arms attached to the carbon-sheet; and my invention consists in certain other combinations of parts herein-after described, and specifically set forth in the claims.

In the drawings hereto annexed and forming a part of this specification, Figure 1 is a plan view of a complete book when open embodying my invention. Fig. 2 shows an edge view of the same after several of the leaves have been used and sections detached therefrom. Fig. 3 shows an enlarged edge view of the same book without the cover and with the carbon-sheet clamp in section, and Fig. 4 is an edge view of a modification wherein the carbon-sheet is divided into two parts and one of said parts is held by the clamp that secures the leaves to the cover.

Any suitable printed matter or ruling may be placed on the leaves.

Referring specifically to the drawings, A is the back or cover of the book, having a hinge in the middle and a suitable clamp A' for holding the leaves in the cover, either at one side of the hinge or at a free end of the cover, as shown in Fig. 4 of the drawings.

B indicates the pile of full leaves, secured together by staples *a a* at one end and by the same end secured to the cover by the clamp A'. In the first two figures of the drawings the clamp A' is secured to the inner side of the cover on the right-hand side of the hinge.

The bound ends of the leaves are held in this clamp with their free ends extending to the right, but with their end sections *b''* turned inward and lying on their respective central sections *b'*.

The full leaves B are each divided into three sections *b*, *b'*, and *b''* and a stub *b'''* by perforated lines *c*, *c'*, and *c''*, and these sections, when folded on the said lines with the carbon-sheet inclosed, form at one writing three distinct copies, *b'* being the original, *b''* the duplicate, and *b* the triplicate, which latter can be retained in the book or removed, as desired.

The carbon-sheet C is as wide as the leaves, as long as two of the sections, and is carbonized on both sides. Said carbon-sheet is held by a clamp D at one end, the clamp being mounted on the free ends of arms *d d*, turning in eyes *e e*, secured to the inner side of the cover, near its right-hand edge.

In using the form of book shown in the first three figures of the drawings the end section *b''* of the uppermost leaf is raised to allow the end of the carbon-sheet C to drop onto the underlying section, as shown in Figs. 1 and 2, and then the sections *b''* and *b'*, together with the end of the carbon-sheet, is folded on the perforated line *c'* over upon the other section *b*, as indicated in Fig. 3 of the drawings. Any writing that is made upon the central section *b'* will be copied on the other two sections of the leaf. After the writing one or all of the sections written upon may be torn out, leaving the next full leaf in position for a like manipulation.

The leaves B in Fig. 4 are provided with the same perforated lines, or lines that are broken to allow the leaves to be separated easily, and the same number of sections as the leaves in the other figures; but the end sections are not turned in before they are used, and the bound edges of the leaves are secured to the cover A by the clamp A', located at the left-hand edge of the cover. The carbon-sheet is divided into two parts C' and C'' in this book, one part, C', being held by the clamp A' on the top of the section *b* and the other part, C'', being held by a swinging clamp D' to lie between the sections *b'* and *b''* when folded. The clamp A' being secured at the left-hand edge of the cover in this case, the

eyes for the arms *d' d'* to turn in are secured to the left-hand side of the cover.

It will be noticed that although the carbon-sheet is divided in the modified form of book 5 the leaves are folded in exactly the same manner before the writing is done and also that the central section is the original.

When the sections *b b*, &c., are retained in the book for further reference, they are turned 10 over to the left, so that entries are turned face downward and are not exposed to view.

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

15 1. In a manifold-book, the combination of a pile of leaves of equal size secured together at one end, lines of perforations extending across the leaves dividing each into three sections and a stub at the bound end, the end 20 section of each leaf folded over upon its central section, said central section with the end section being adapted to be folded over together upon the bound-end section, a carbon-sheet extending from the fold of the end section 25 to the stub, a cover secured to the stubs, arms pivoted to the cover, and a clamp on the free ends of the arms attached to the carbon-sheet, as set forth.

2. In a manifold-book, the combination with 30 the cover, of leaves divided into three sections of substantially equal size by parallel perforated lines, said leaves being adapted to be folded and separated on said lines, a clamp secured to the cover to hold one end of the

leaves, a carbon-sheet, and a swinging clamp 35 pivoted to the cover and secured to one end of the carbon-sheet, substantially as described and shown.

3. In a manifold-book, the combination with the cover provided with a hinge in its center, 40 of a pile of leaves each leaf divided into three sections of substantially the same length, stubs at one end bound together, a clamp secured to the cover near the hinge for holding the stubs, a carbon-sheet adapted to be folded 45 between the sections, arms pivoted to the inner side of the cover a distance from said clamp, and a clamp on the free ends of the arms attached to the carbon-sheet and adapted to lie near the first-mentioned clamp, sub- 50 stantially as described and shown.

4. In a manifold-book, the combination with the cover provided with a hinge in its center, 55 of a pile of leaves divided into three sections, stubs at one end of the pile bound together, a clamp secured to the cover near the hinge for holding the stubs, a carbon-sheet double the length of one section of a leaf, arms pivoted to the inner side of the cover at one end, 60 and a clamp on the free ends of the arms attached to one side of the carbon-sheet, substantially as described and shown.

In testimony whereof I have hereunto signed my name.

GEORGE E. DOUGHTY. [L. S.]

Witnesses:

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