

(No Model.)

2 Sheets—Sheet 1.

J. L. O'CONNOR.
MANIFOLD COPYING BOOK.

No. 362,529.

Patented May 10, 1887.

Fig. 1.

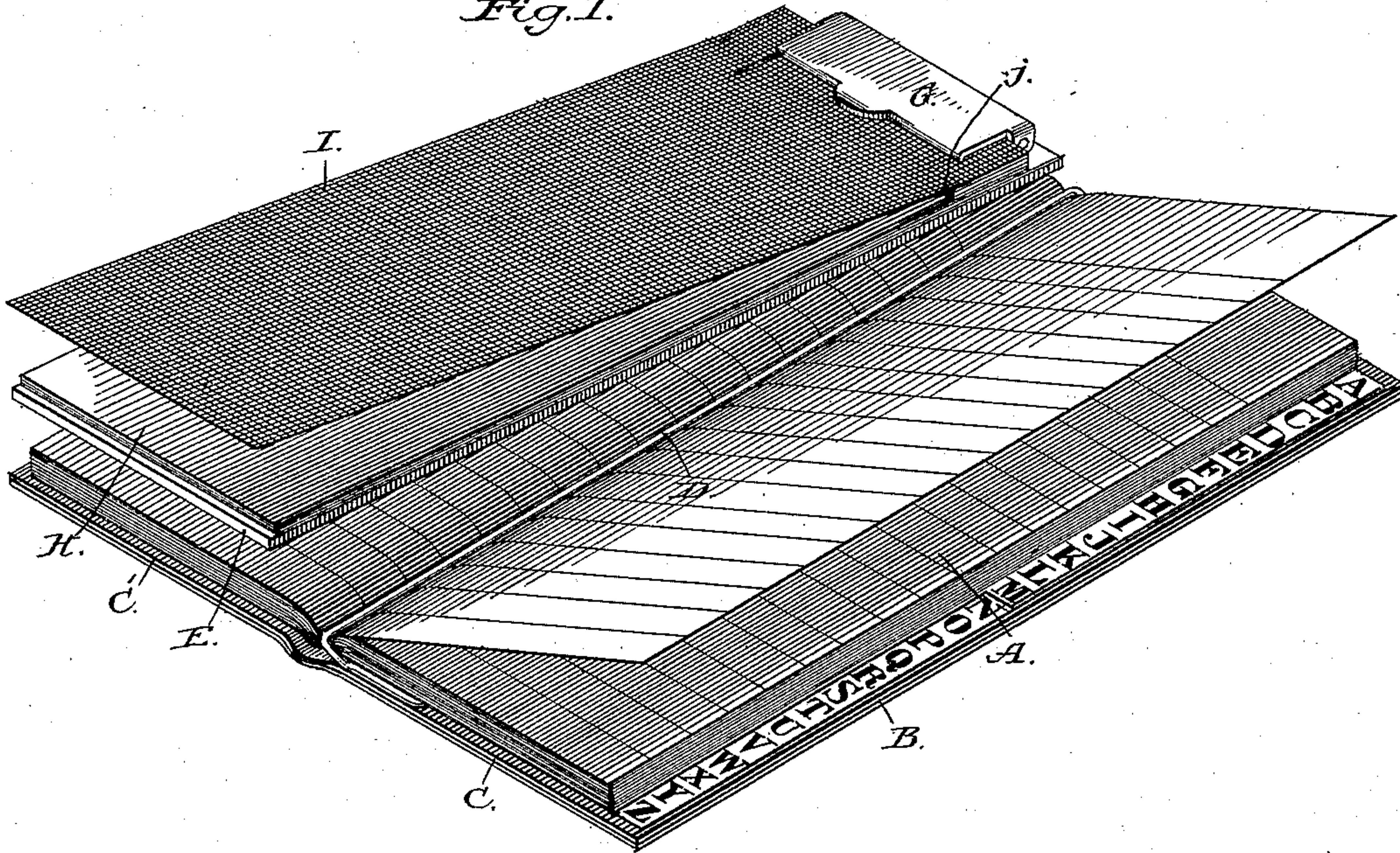
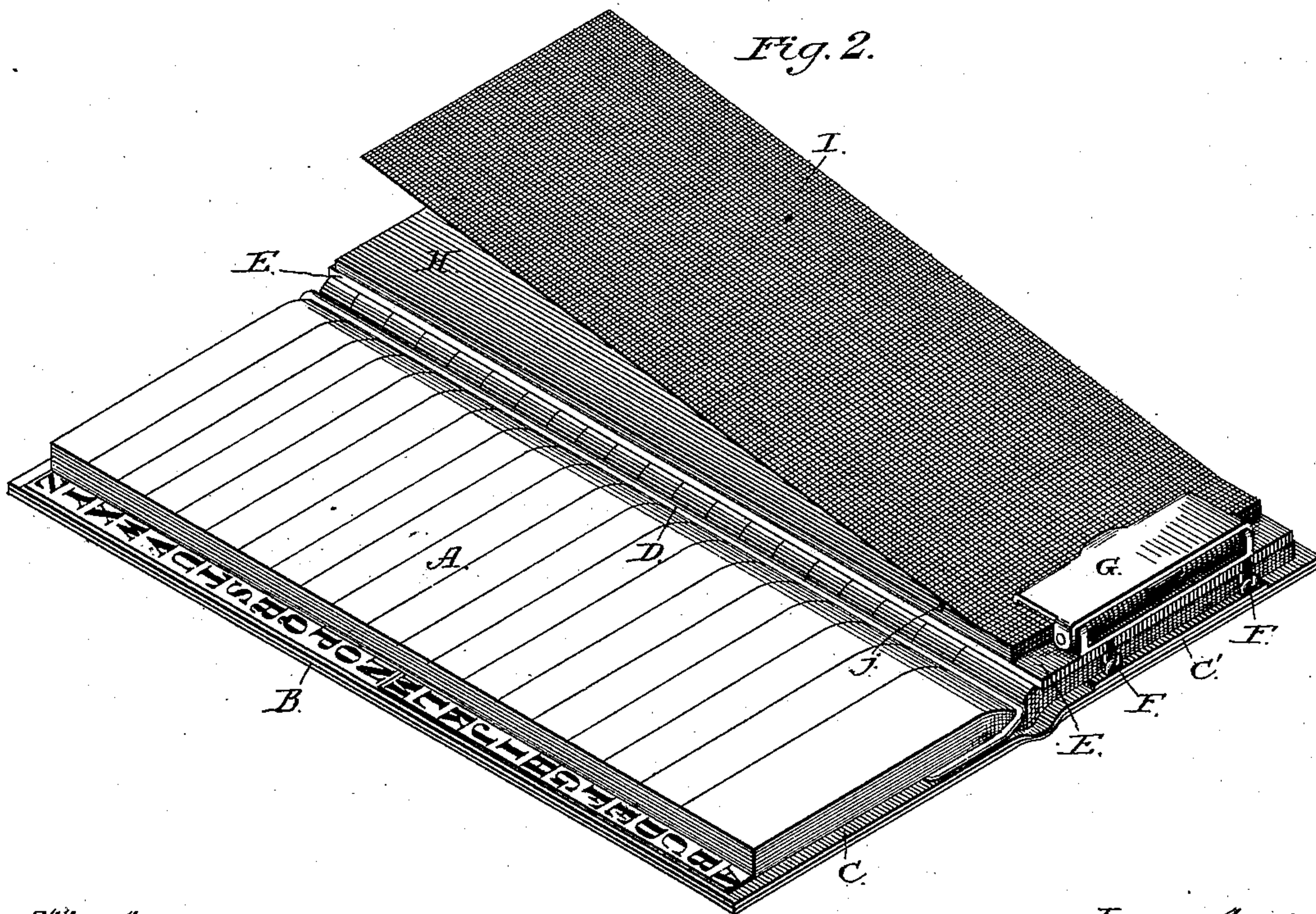


Fig. 2.



Attest:

John A. Ellis.
S. M. Madden.

Inventor:

James L. O'Connor
By David A. Burr
Atty.

(No Model.)

2 Sheets—Sheet 2.

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MANIFOLD COPYING BOOK.

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Fig. 3.

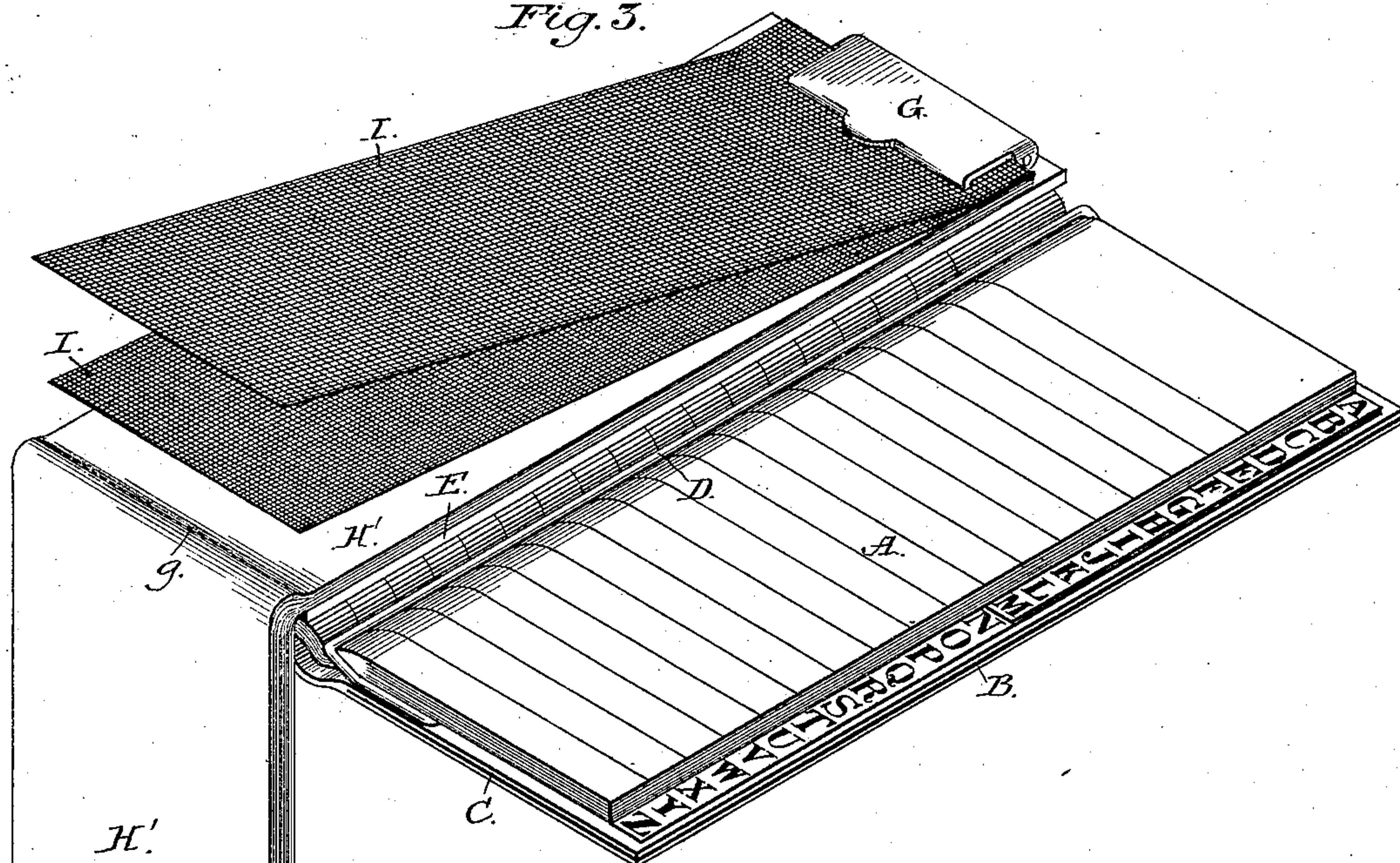
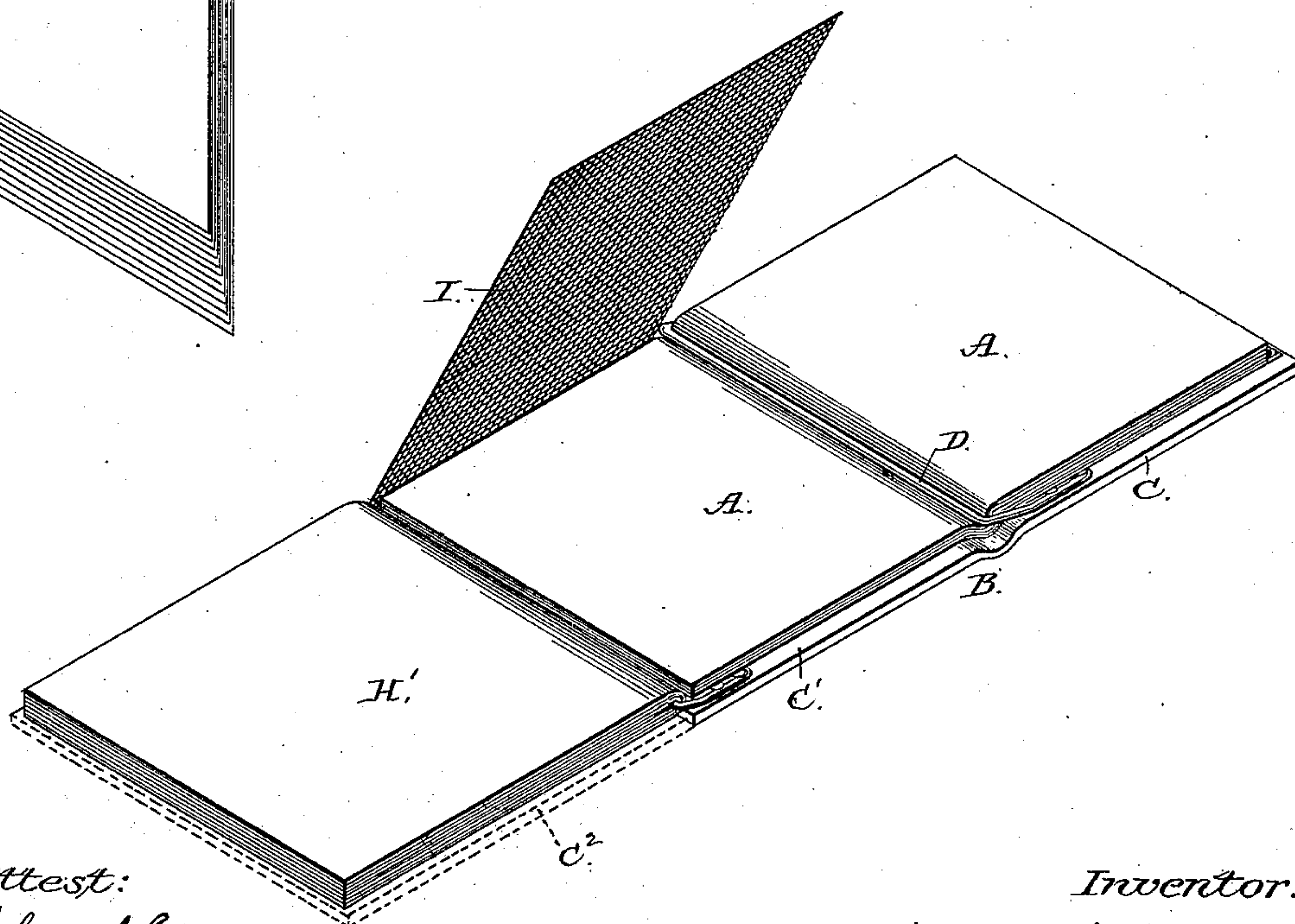


Fig. 4.



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Inventor:

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UNITED STATES PATENT OFFICE.

JAMES L. O'CONNOR, OF NEW YORK, ASSIGNOR OF TWO-THIRDS TO ALBERT H. JOCELYN, OF BROOKLYN, AND L. WESLEY FROST, OF WHITE PLAINS, NEW YORK.

MANIFOLD-COPYING BOOK.

SPECIFICATION forming part of Letters Patent No. 362,529, dated May 10, 1887.

Application filed April 10, 1886. Serial No. 198,433. (No model.)

To all whom it may concern:

Be it known that I, JAMES L. O'CONNOR, of the city, county, and State of New York, have invented a new and useful Improvement in
5 Manifold-Copying Books; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this
10 specification, in which—

Figure 1 is a view in perspective of my improved manifold-record book. Fig. 2 is a view in perspective of the open book, taken from its upper side, illustrating the manner of hinging the pad and clip to the cover. Fig. 3 is a
15 view in perspective similar to Fig. 1, but illustrating the book when provided with double detachable leaves for making triplicate copies, and with two carbon sheets combined therewith. Fig. 4 illustrates a modification in the
20 form of the book, in which the detachable leaves are attached to the side of the cover instead of to the top edge thereof.

My invention relates to that class of manifold-copying books which are constructed with detachable leaves arranged to be attached, in combination with carbon sheets, to a cover in convenient form to admit of the simultaneous
25 entry of memoranda in duplicate or triplicate, copies of which may then be removed from the cover, leaving fresh leaves exposed in readiness for further entries.

The object of my present invention is to furnish within a suitable cover a record-book in
35 permanent form in combination with detachable leaves, whereby the entries made upon the detachable leaves may all be simultaneously entered in systematic order in the permanent record-book, for future reference.

40 In the accompanying drawings, A represents a permanent record-book of any desired form and quality of paper, and which may, if desired, be provided with a marginal index, as shown in Fig. 1.

45 B is a durable cover, made of two comparatively stiff leaves, C and C', hinged together in the customary manner by a central flexible folding piece.

50 The record-book A is conveniently attached to the cover B by means of a wire, D, of a length equal to that of the cover, and whose

ends are bent at a right angle to its length and secured, respectively, to the upper and lower edges of the right-hand leaf, C, of the cover B, far enough back at one side of the fold of the
55 cover to carry the length of the wire longitudinally over the median line of the hinge or fold of the cover on the inside thereof. The middle fold of the book A is slipped under the wire D, so that the wire shall be in said fold
60 and confine the back of the book upon the hinge or fold of the cover. When closed, the record-book will lie upon the inside of the right-hand leaf, C, of the cover; but its leaves may be turned over to lie upon the left-hand
65 leaf, C'.

E is a stiff thin plate hinged to the top edge of the left-hand leaf, C', of the cover, so as to admit of being readily turned back off of the leaf or over upon it. The hinged connection
70 of this plate E to the cover is made very loose, preferably by rings or links F F, which will permit the plate to rest easily upon the leaves of the record-book when they are all turned over upon the left-hand leaf, C'. A spring-
75 clip, G, of any approved construction, is secured to the top edge of the hinged plate E, and by means thereof a series of detachable leaves, H H, of paper are confined by their upper edges upon the plate, together with a carbon
80 sheet, I. Preferably these detachable leaves are perforated in a transverse line, j, just below the edge of the clip, to admit of being readily torn off, and they may be bound together at the edge which is inserted under
85 the clip. In the use of the book thus arranged, if the record-book A be made of thin manifold paper, the carbon sheet I is brought down upon the top leaf of the series H H. A leaf of the book A is then turned over upon the
90 carbon and the desired matter written thereon with a stylus. The leaf is then carried under the plate E, to remain for reference, and the detachable leaf H is torn from the clip to be sent away.

95 If the record-book A be made of heavy paper, a single carbon sheet prepared on the under side alone is used, and after it has been laid upon the leaf H and the leaf from the record-book turned over upon it the page of
100 the record-book may be written upon with a pencil or stylographic pen, and a carbon dupli-

cate will be produced upon the leaf H to be detached, and the record-page is then passed under the plate E.

For use in obtaining triplicate copies, the leaves H' H' may be made each of double length and the whole series folded back upon itself on the line *g* when the book is not in use; but when in use they are opened out, as shown in Fig. 3. Each leaf is perforated on said line *g* to admit of ready separation at that point. In this case two carbon sheets are used, the lower carbon, prepared on one side only, being inserted between the folds of the uppermost double leaf H' and the second carbon placed upon the top thereof, the leaf of the record-book (if the book be made of heavy paper) being then laid over upon the top of the carbon sheet and written upon with pencil or pen.

If the record-book be of manifold paper, one carbon sheet prepared on both sides is used. The leaf of the record-book is in such case brought next to the carbon and one of the leaves H' brought upon the outside, to be written upon with a pen or pencil.

As a modification of my invention, I contemplate securing the detachable leaves to the outer side edge of the left-hand leaf, C', of the cover and the stiff plate and the carbon sheet or sheets to its upper edge, as shown in Fig. 4. In this case the detachable leaves are simply folded over upon the carbon sheets from the side instead of from the top of the cover, the manner of arranging them in reference to the carbon and record-leaf being the same. A third leaf, C², may be added to the cover to protect the lateral detachable leaves, as shown in Fig. 4. The leaves of the record-book which have been written upon are in all cases inserted under the plate E and the series of detachable leaves H or H' out of the way, leaving the fresh blank leaves of the book in readiness for use.

I claim as my invention—

1. The combination, with a folding cover and with one or more carbon sheets attached to the upper edge of the left-hand leaf of the cover, of a record-book secured to the cover along a central line between its right and left hand leaves, to lie upon the one and fold over upon the other, and a series of detachable leaves of paper attached to one edge of the left-hand cover, to interfold with the carbon sheets and the leaves of the record-book, where- by a duplicate copy of the matter written in

manifold upon the detachable leaves shall be simultaneously obtained upon the pages of the record-book, substantially in the manner and for the purpose herein set forth.

2. The combination of a folding cover, a record-book attached to the central hinge or fold of the cover, to admit of lying upon the one leaf or the other of said cover, a clip hinged to one edge of the left-hand leaf of the cover, and a series of detachable leaves confined by said clip, all substantially in the manner and for the purpose herein set forth.

3. The combination of a stiff folding cover, a series of detachable leaves attached to one edge of the left-hand leaf of the cover, one or more carbon sheets attached to the top edge of said left-hand leaf, a record-book made to fit within the cover, and a confining-wire secured to the top and bottom edges of the right-hand leaf of the cover, to extend along its median fold, and which is passed within the middle fold of the book, to attach it thereby to the cover, substantially in the manner and for the purpose herein set forth.

4. The combination, with a folding cover, a record-book attached to the hinge or fold of the cover, to lie upon either leaf thereof, one or more carbon sheets attached to the upper edge of the left-hand leaf of the cover, to fold down over the same, and a series of detachable leaves attached to a second edge of said left-hand leaf, to fold over thereon and interfold with the carbon sheets and the leaves of the record-book, of an auxiliary cover hinged to that edge of the left-hand leaf of the main cover to which the detachable leaves are secured, to protect the same, substantially in the manner and for the purpose herein set forth.

5. The combination, with a folding cover and with a record-book, independent leaves, and carbon sheets fitted within said cover, of a supporting-plate hinged to the upper edge of the left-hand leaf of the cover, and under which the leaves of the record-book may be inserted after being written upon, substantially in the manner and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES L. O'CONNOR.

Witnesses:

J. F. ACKER, Jr.,
S. M. MADDEN.