No. 763,598. PATENTED JUNE 28, 1904.

H. E. DELBARE.

MANIFOLDING BOOK.

APPLICATION FILED NOV. 21, 1903.

NO MODEL.

Fig. 2.

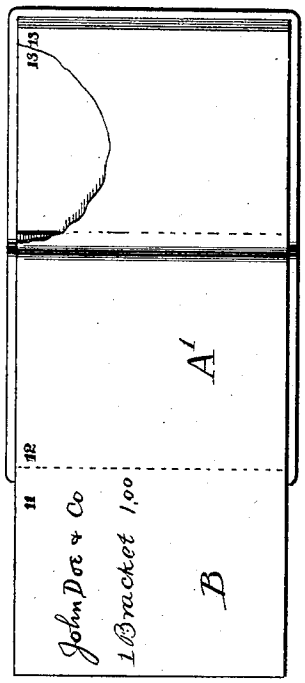


Fig. 4.

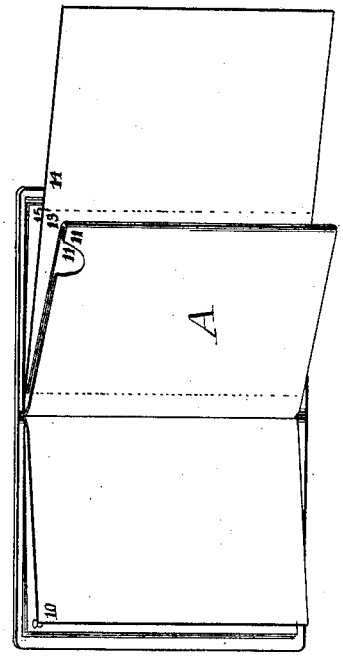


Fig. 1.

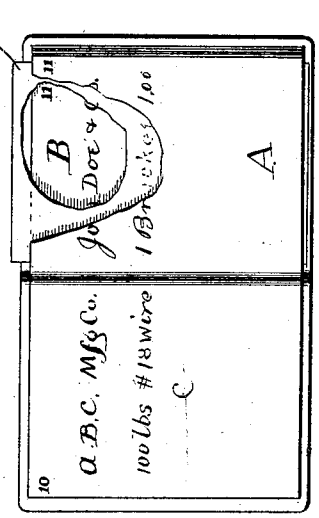
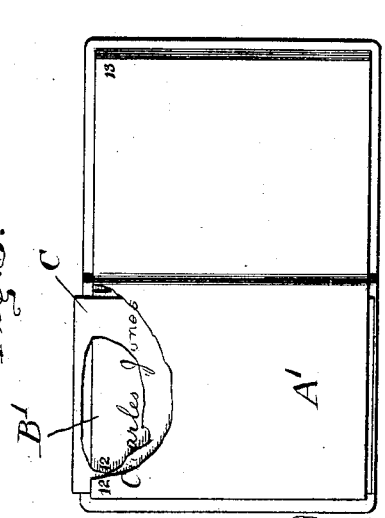


Fig. 3.



Witnesses:
Russell Wiles
Chas. O. Stanley

Inventor:
Hector E. Delbare
by H. H. Bitner. Atty.

No. 763,598. Patented June 28, 1904.

UNITED STATES PATENT OFFICE.

HECTOR E. DELBARE, OF CHICAGO, ILLINOIS.

MANIFOLDING-BOOK.

SPECIFICATION forming part of Letters Patent No. 763,598, dated June 28, 1904.

Application filed November 21, 1903. Serial No. 182,077. (No model.)

To all whom it may concern:

Be it known that I, HECTOR E. DELBARE, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Manifolding-Books, of which the following is a specification.

My invention relates to certain new and useful improvements in manifolding-books; and its object is to produce a device of this class which shall have certain advantages which will appear fully and at large in the course of this specification.

To this end my invention consists in certain novel features of construction and operation, which are clearly illustrated in the accompanying drawings and described in this specification.

In the aforesaid drawings, Figure 1 is an elevation of my improved book, one of the pages and a portion of the carbon-sheet being cut away to show the construction. Fig. 2 is an elevation with the detachable end of the right-hand page of Fig. 1 folded out to show the carbon impression. Fig. 3 is an elevation showing the pages in the position occupied when the reverse side of the right-hand sheet of Fig. 1 is written upon; and Fig. 4 is a perspective of my improved book, showing the manner in which the pages are numbered.

Referring to the drawings, it will be seen that my book consists of a plurality of leaves to one of the free or loose edges of each of which, and preferably to the edge opposite the binding, an extra or detachable portion or leaf is provided. Each leaf, together with the detachable portion or leaf attached thereto, thus provides four pages, A being the page upon one side of the permanent leaf shown at the right in Fig. 1, A′ being the page upon the opposite side of said permanent leaf and shown at the left in Fig. 2, B′ being the page upon the detachable leaf upon the same side as the page A, and B being the page upon the opposite side of the detachable leaf from the page B′ and also being upon the same side of the paper as the page A′. The pages A A′ are numbered consecutively as in an ordinary book. The page B is numbered to correspond with the page A, and the page B′ is numbered to correspond with the page A′. It will thus be seen that the numbers upon the detachable leaves or portions are upon opposite sides of the paper from those upon the corresponding permanent leaves or portions. It is thought preferable to provide a line of perforations or scoring between the two portions of the paper forming the permanent leaves and the detachable leaves; but my invention is evidently not limited to any weakening of the paper along the line of division.

In the preferred form, as shown, the detachable leaves are provided along the outer edges of the permanent leaves, and I prefer this arrangement, although I do not consider it absolutely essential to my invention, inasmuch as either of the other two free edges of the leaf would answer the same purpose in perhaps a less degree.

In the claims I shall use the terms "free edges" and "loose edges" as applying to any one of the three edges of the permanent leaves not confined in the binding of the book.

In practice my improved book is made up with the sheets folded along the score-mark or perforated line, the outer end of each sheet being folded behind the inner end (see Fig. 4) and a sheet C, having a carbon surface upon one side, being placed between the folded portions with the carbon surface toward the back of the book—that is, in contact with the page B. The page A is then written upon in the ordinary manner and a duplicate of the writing is made upon the page B. The carbon-sheet is then removed and the outer end of the sheet is folded along the score-line in the opposite direction until it lies at the front of the inner half of the sheet instead of behind it. This brings the pages to the position shown in Fig. 3, wherein the page B′ lies immediately behind the page A′. The carbon-sheet is then placed between the folded halves of the leaf with its carbon surface toward the front of the book—that is, with its carbon surface in contact with the page B′. The page A′ is then written on and its contents dupli-

cated on the page B′. When the pages A and A′ have both been written upon, the outer end of the sheet is torn off along the score-mark, and the half of the sheet which is removed is an exact duplicate of the half-sheet which is left in the book, and, furthermore, its pages bear the same numbers as the corresponding pages on the half-sheet remaining in place.

This book is particularly useful in establishments where it is necessary that the books be kept in duplicate. For instance, many firms having outside agencies require that duplicates of the entries in the books of the agency be sent to the main office from time to time. Heretofore it has been necessary either to make a fresh copy of the books by reference to the written pages, or, if a carbon-paper was used, to write upon only one side of each leaf in the books. Books thus used have only half the capacity of mine and are both more expensive and less desirable on account of their size.

I realize that considerable variation is possible in the specific device herein shown and described and also in the method of procedure herein outlined, and I therefore do not intend to limit myself to the particular construction or operation herein set forth.

I claim as new and desire to secure by Letters Patent—

1. A book containing a series of permanent leaves bound therein, a second series of leaves each attached to a bound leaf at one of the free edges thereof, numbers upon both sides of the bound leaves and like numbers upon the corresponding attached leaves, the numbers upon the attached leaves being upon the opposite sides from those upon the bound leaves to which they are attached.

2. A book containing a series of permanent leaves bound therein, a second series of leaves each attached to one of the free edges of the bound leaves, designating characters upon both sides of the bound leaves and like characters upon the corresponding attached leaves, the characters upon the attached leaves being upon the opposite sides from those upon the bound leaves to which they are attached.

In witness whereof I have signed the above application for Letters Patent, at Chicago, in the county of Cook and State of Illinois, this 19th day of November, A. D. 1903.

HECTOR E. DELBARE.

Witnesses:
CHAS. O. SHERVEY,
RUSSELL WILES.