

B. C. MAXWELL.
MANIFOLDING BOOK.
APPLICATION FILED JUNE 17, 1907.

959,776.

Patented May 31, 1910.

2 SHEETS—SHEET 1.

Fig. 1.

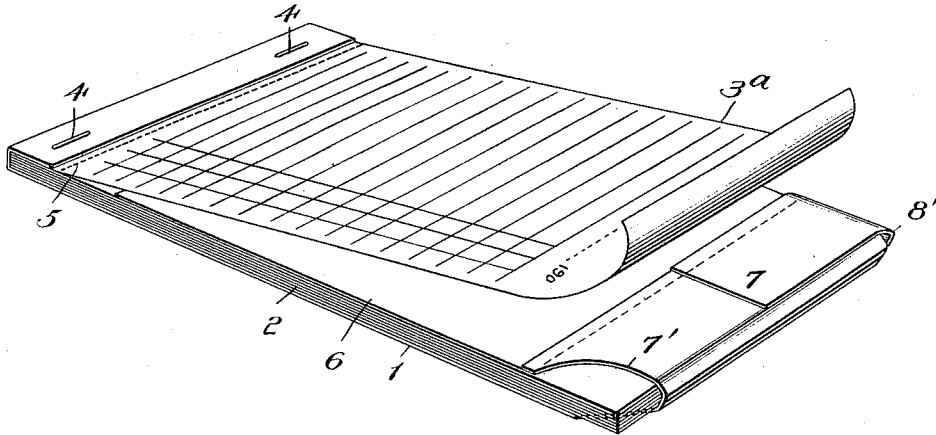
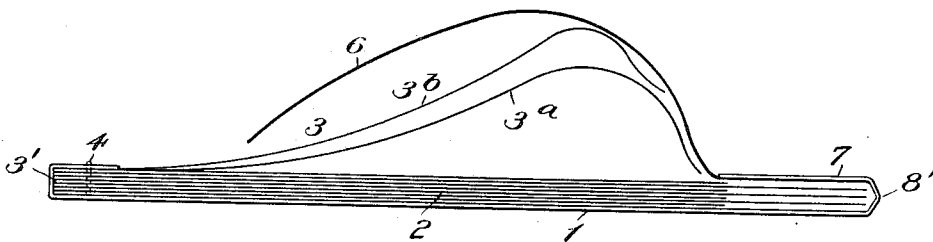


Fig. 2.



Fig. 3.



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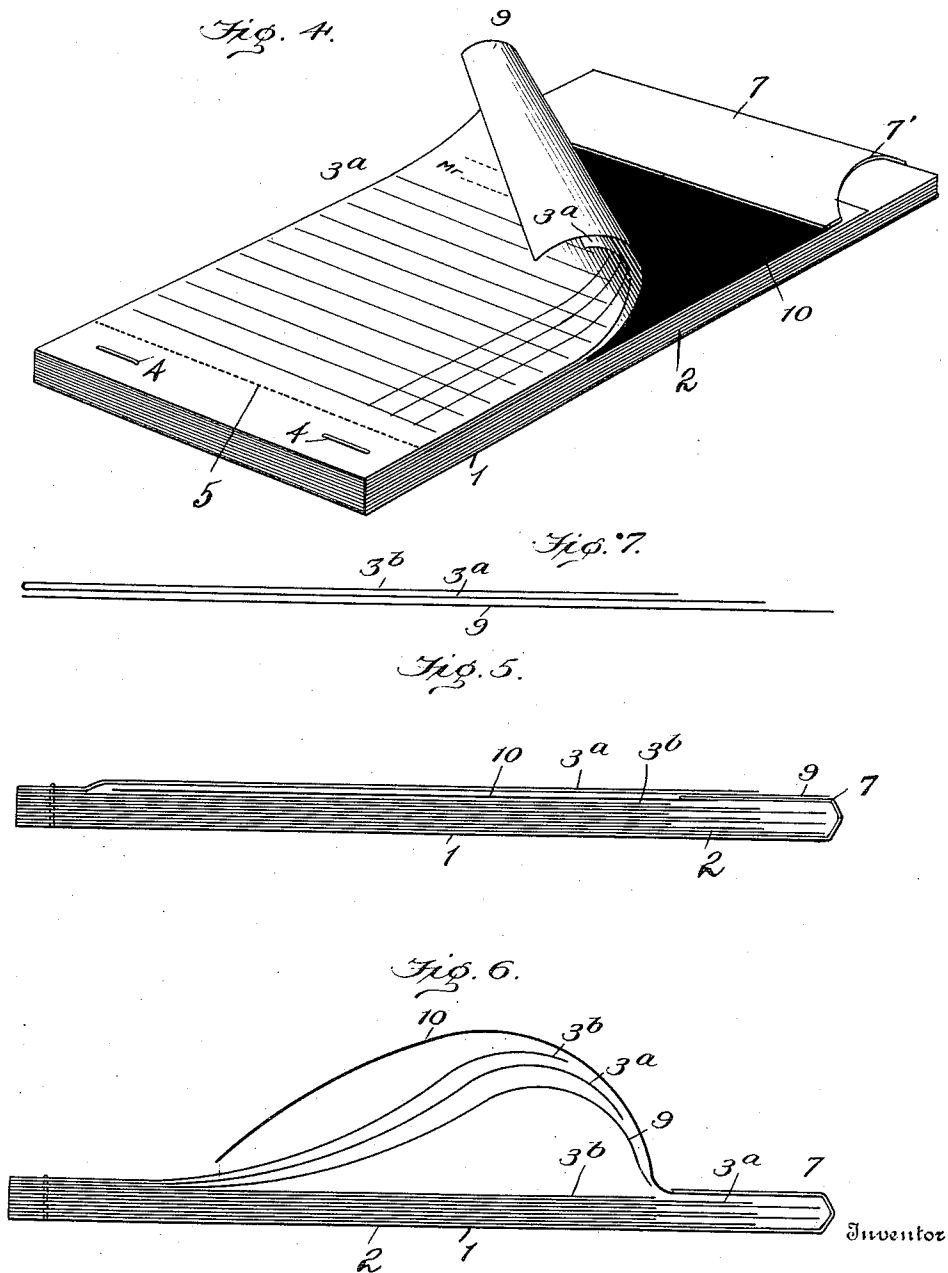
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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

BERT C. MAXWELL, OF CANTON, OHIO, ASSIGNOR TO JULIUS WHITING, JR., TRUSTEE,
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MANIFOLDING-BOOK.

959,776.

Specification of Letters Patent.

Patented May 31, 1910.

Application filed June 17, 1907. Serial No. 379,454.

To all whom it may concern:

Be it known that I, BERT C. MAXWELL, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Manifolding-Books, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to improvements in a manifold pad or book.

Figure 1 is a perspective view of a book embodying my improvements. Fig. 2 is a side view of the same. Fig. 3 is a side view of a book illustrating the operation of placing a used duplicate and unused original slip on top of the carbon sheet. Fig. 4 is a perspective view of a modification. Fig. 5 is a side elevation of the same. Fig. 6 is a side elevation of the book shown in Fig. 4, showing the method of operating it.

In the drawings, 1, indicates a suitable base or back for a pad or book of manifold slips. 2 indicates an entirety a series of superposed sets of manifold slips arranged in book form and suitably secured to the said base 1.

In the embodiment of my invention shown in Figs. 1, 2, and 3, each set of slips preferably consists of a sheet of paper 3 transversely folded at 3' intermediate its ends to form two slips 3^a and 3^b, the latter being somewhat shorter than the former. The long and short slips form the original and duplicate, respectively, of a set of manifolding slips. The sets of slips may be suitably bound together or held together at one end, as indicated at 4. For the purposes of easy detachment, each slip may be suitably perforated or weakened along a transverse line 5, in the well known manner, if desired.

6 is a sheet of carbon paper or other suitable transfer material arranged to be interposed between the slips which constitute the original and duplicate slips of each set of slips.

7 is a holder for the transfer sheet 6. This holder is arranged across the upper end of the book or pad and is suitably secured to the base 1, preferably by means of flexible connecting devices 8', which will permit the relative movement of the said holder toward

and away from the base, for the purpose of insuring that the transfer sheet 6 will lie flat upon the uppermost slip in the pad beneath it, whether it be the first slip in the pad or the last. If the material of which the back 1 is formed is sufficiently flexible, it may be bent over to form the holder 7 and the flexible connection 8' may be suitably attached to the under side of the cover and to the top of the transfer sheet holder 7, as shown in Fig. 1. The carbon sheet holder 7 and the means which connect it to the base 1, form a pocket for the reception of the free ends of the original slips 3^a. This feature I have found very advantageous, as it avoids the curling up, ruffling and tearing of the free ends of the manifold slips, incident to all manifold salesbooks in which the free ends of the manifold slips are not protected.

To facilitate the operation of the sets of slips, the transfer sheet holder 7 is notched or recessed at 7' to expose the upper right hand corner of the uppermost original slip in the book, this notch or recess being above the upper free ends of the series of duplicate slips 3^b.

In operation, an original slip 3^a is removed from beneath the transfer sheet 6 by grasping its upper right hand corner, where exposed by the finger notch 7' in the transfer sheet holder 7, and drawing rearwardly on it, as indicated in Fig. 3, until the slip is free from the transfer sheet, when it is allowed to fall back on top of the transfer sheet 6, as shown in Fig. 2. The desired data may then be recorded upon the original slip, and will be transferred by transfer sheet 6 to the duplicate slip 3^b immediately beneath it. The original slip 3^a may then be detached along its weakened line 5. When the next entry is to be made, or slip 3^a to be filled out, the operator grasps the upper right hand corner of the original slip next in the series, where it is exposed through the notch 7', and draws the said slip rearwardly. As he does so he carries with the said slip 3^a the duplicate slip 3^b of the set of slips above the original slip which he is removing. When these slips 3^b and 3^a are free from the carbon sheet 6 they are allowed to drop back thereupon, and the duplicate slip 3^b, which was used

during the previous operation of the book, may either be detached from the book or thrown back out of the way, so as to permit the recording of desired data upon the original slip 3^a now on top of the transfer sheet 6.

In the modification shown in Figs. 4, 5, and 6, each set of manifolding slips comprises an original, a duplicate and a triplicate slip. In this embodiment of my invention the original slip of each set of slips and the duplicate slip of the set next above it in the series are preferably formed from a single sheet of paper folded intermediate of its ends, so that the slip which serves as a duplicate slip for one set of slips is shorter than the slip connected to it, which latter slip serves as the original slip of the next set of slips in the series. Between the original slip 3^a of each set of slips and the duplicate slip 3^b next beneath it is inserted a slip 9 of tissue paper of greater length than and having its free end exposed above the free end of said original slip.

10 is a transfer sheet coated with any suitable transfer material on both sides. It is suitably connected to a holder 7 having along its right hand edge a notch or recess 7' of sufficient length to expose the free end of the tissue paper or triplicate slip of the uppermost set of manifold slips, and also the free end of the original slip 3^a of said set.

In operation, with the thumb and first finger the operator grasps the exposed corners of both the original and triplicate slips exposed through the notch 7' in the transfer sheet holder and draws the said two slips rearwardly beneath the transfer sheet 10 until they are free therefrom, when he allows them to fall back on the transfer sheet. The desired data are then transcribed on the original and a copy of it is recorded on the tissue paper triplicate, as well as on the duplicate slip 3^b beneath the transfer sheet.

In order to make the next entry or record, the same procedure is followed, but as the original and triplicate slips of the next set are withdrawn, they carry out with them from under the transfer sheet the duplicate slip 3^b of the preceding set of slips, which may then be detached or thrown back out of the way, as desired.

It will be noted that with a triplicate manifold salesbook, such as just described, but a single operation is necessary in order to position two slips of a set of triplicate slips in working position and for the removal at the same time of the duplicate slip last made.

I am aware of the fact that it is not new to provide cut away portions in the transfer sheet of a manifold salesbook, such for example as shown in Letters Patent of the United States No. 647,934 to W. F. Beck. However, in this Beck construction the relation of the cut away portion in the transfer

sheet to the free ends of the original and duplicate slips of each set comprising the salesbook is such, that a single operation is required to remove each individual slip, original or duplicate. I have correlated the free ends of the original and duplicate slips of each set and the cut away portion 7' for exposing only the free corners of the original slips in such way, that each time an original slip is withdrawn, it carries with it from underneath the transfer sheet the duplicate slip of the set of slips last used, thereby avoiding the additional operation required by the Beck construction for removal of the duplicate slip of each set of slips. Again, with the transfer sheet notched and connected to the base or back of the book, as shown in the Beck construction, the thumb of the operator is continually contacting with the edges of the transfer sheet at its notched portion and wearing away, tearing or pulling out of position the transfer sheet. In my improvement the thumb of the operator never comes into contact with the transfer sheet, the latter being left undisturbed beneath the holder 7, which is of sufficient rigidity to preclude the possibility of wear and tear on it in the manner just referred to where the transfer sheet itself is notched.

While I have shown in the drawings a holder for the transfer sheets of both the duplicate book and the triplicate book, and for the purposes hereinbefore set forth have cut away a portion of this holder to expose the free ends of certain slips beneath it, it will be understood that in the broad sense of my invention, the holder and transfer sheet may be considered as a single element, although shown and described as formed in two parts, and necessarily referred to in the claims as of two parts. In other words, the transfer sheet holder may be dispensed with, and the transfer sheet connected into the pad in any well known way without departing from the spirit of my invention, providing that in this particular connection the transfer sheet is so formed and arranged as to expose the upper right hand corners of the original and triplicate slips for the purpose of permitting the withdrawal of said slips from beneath the transfer sheet, in the manner above described.

What I claim is:—

1. In a manifolding book, the combination of a series of superposed alternately arranged original and duplicate slips, the latter being shorter than the former, means arranged at one end of said slips for holding them in pad form, a transfer sheet, and a holder for said transfer sheet arranged adjacent to the free ends of said original slips and having a cut-away portion at a point beyond the free ends of said duplicate slips adapted to expose, one after the other, the

corners of the portions of the free ends of the original slips which extend beyond the free ends of the duplicate slips.

2. In a manifolding book, the combination of series of superposed alternately arranged original and duplicate slips, the latter being shorter than the former, means arranged at one end of said slips for holding them in pad form, a transfer sheet, a suitable back, and a holder for said transfer sheet flexibly connected to said back, arranged adjacent to the free ends of said original slips and having a cut-away portion at a point beyond the free ends of said duplicate slips adapted to expose, one after the other, the corners of the portions of the free ends of the original slips which extend beyond the free ends of the duplicate slips.

3. In a manifolding book, the combination of a series of superposed alternately arranged original and duplicate slips, the latter being shorter than the former, a back provided at one end with a pocket to receive the free ends of said original slips and having its upper wall cut away at one end to expose, one after the other, corners of the portions of the free ends of the original slips which extend beyond the free ends of the duplicate slips, means for holding the original and duplicate slips in pad form arranged at the other end of said back, and a transfer sheet arranged to be interposed between the original and duplicate slips in use.

4. In a manifolding book, the combination of a series of superposed alternately arranged original and duplicate slips, the latter being shorter than the former, a back provided at one end with a pocket to receive the free ends of said original slips and having a cut-away portion in its upper wall at a point beyond the free ends of said duplicate slips adapted to expose, one after the other, the corners of the portions of the free ends of the original slips which extend beyond the free ends of the duplicate slips, and a transfer sheet having its upper end connected to the upper wall of said pocket.

5. In a manifolding book, the combination of a series of superposed alternately arranged original and duplicate slips, the latter being shorter than the former, and the duplicate slip for one operation of the book and the original slip for the next being formed from a sheet of paper folded intermediate of its ends, means arranged at the connected ends of said slips for holding them in pad form, a transfer sheet, and a holder for said transfer sheet arranged adjacent to the free ends of said original slips and having a cut away portion at a point beyond the free ends of said duplicate slips adapted to expose, one after the other, the corners of the portions of the free ends of the original slips which extend beyond the free ends of the duplicate slips, whereby

when the said exposed corner of the original slip next beneath said transfer sheet is grasped and the said original slip is withdrawn from beneath the transfer sheet, the duplicate slip immediately above said original slip is carried out from beneath said transfer sheet.

6. In a manifolding book, the combination of a series of superposed sets of triplicating slips suitably held together in pad form, all of the slips of each set differing in length and the duplicate slip being the shortest one, a double-faced transfer-sheet adapted to be interposed between the duplicate and triplicate slip of each set, and a holder for said transfer sheet arranged adjacent to the free ends of said original and triplicate slips, and having a cut-away portion at a point beyond the free ends of said duplicate slips adapted to expose the upper corners of the portions of the free ends of both the original slips and triplicate slips which extend beyond the free ends of the duplicate slips.

7. In a manifolding book, the combination of a series of superposed sets of triplicating slips suitably connected together at their lower ends, all the slips of each set differing in length, and the duplicate slip being the shortest one, a double faced transfer sheet, and a holder for said transfer sheet arranged adjacent to the free ends of the said original and triplicate slips, and having a cut away portion at a point beyond the free ends of said duplicate slips adapted to expose the upper corners of the portions of the free ends of both the original slips and triplicate slips which extend beyond the free ends of the duplicate slips.

8. In a manifolding book, the combination of a series of superposed sets of triplicating slips suitably connected together at their lower ends, all the slips of each set differing in length, the duplicate slip being the shortest, and the triplicate slip, made of translucent paper, being the longest, a double faced transfer sheet, and a holder for the said transfer sheet arranged adjacent to the free ends of the said original and triplicate slips and having a cut-away portion at a point beyond the free ends of said duplicate slips adapted to expose the upper corners of the portions of the free ends of both the original and triplicate slips which extend beyond the free ends of the duplicate slips.

9. In a manifolding book, the combination of a series of superposed alternately arranged original and duplicate slips, a triplicate slip interposed between the lower surface of each original slip and the upper surface of the next duplicate slip, means for binding together all the slips at their lower ends in pad form, the duplicate slips being shorter than either the original and tripli-

cate slips and the triplicate slips being longer
than the original slips, and a double faced
carbon sheet arranged to be interposed be-
tween a triplicate slip and the adjacent
5 duplicate, the said carbon sheet being
formed with a cut-away portion to expose
the free ends of the next original slip and

the triplicate slip below the slips being used.
In testimony whereof I affix my signature,
in presence of two witnesses.

BERT C. MAXWELL.

Witnesses:

LUELLA M. CARLIN,
J. B. SNYDER.