June 25, 1935. G. STEVENS 2,006,034

MANIFOLDING RECORD BOOK

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Fig. 1.

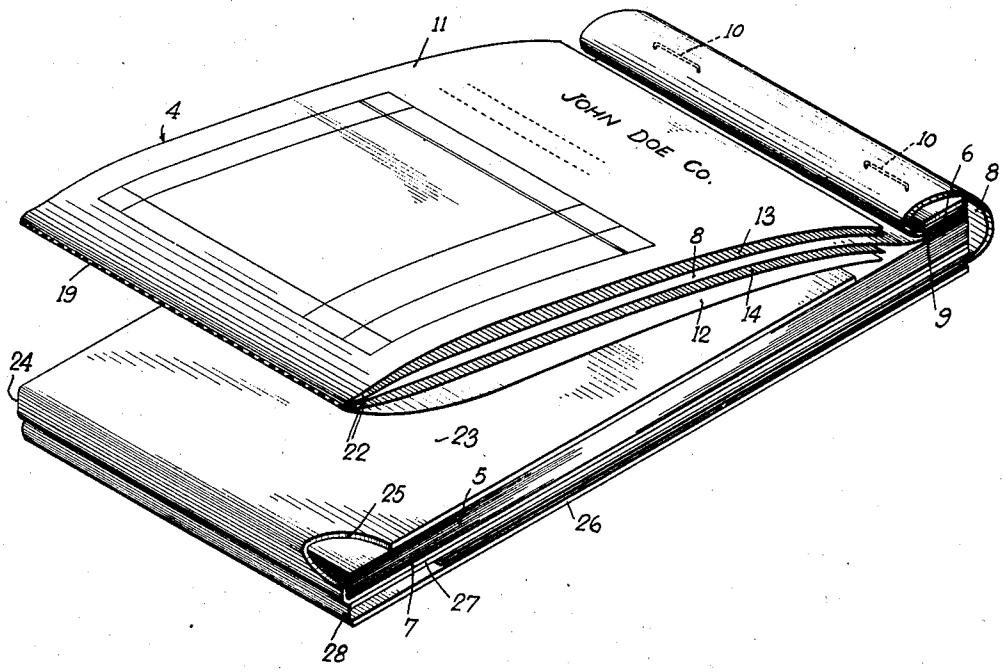
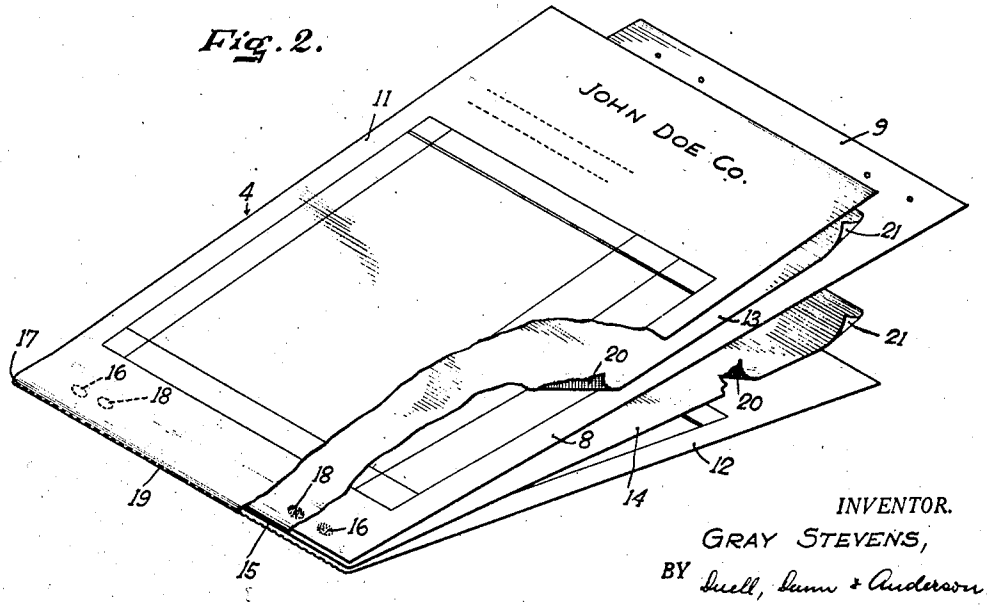


Fig. 2.



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MANIFOLDING RECORD BOOK

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10 Claims. (Cl. 282—22)

This invention relates to improvements in manifolding record books such as sales books and the like, and with reference to some of its more particular features it relates to improvements in the arrangement of record and transfer leaves in manifolding sets ordinarily employed in manifolding books of the one-time carbon type.

It is a general object of the invention to provide a manifolding book of the type mentioned wherein an improved arrangement of the record and transfer leaves not only furnishes a book adapted for economical manufacture, but it is convenient and rapid in use, always makes clean legible copies, and avoids soiling operators' hands and marring delicate fabrics and other material with which it may come into contact.

A more particular object is to provide a manifolding book of the class mentioned wherein an improved arrangement of the record and transfer leaves enables said leaves to be very quickly and easily separated from each other and from the book following completion of a record entry.

Another object is to devise a manifolding book of the class mentioned having an improved arrangement of manifolding sets having a binding leaf for binding the set into the book, the remaining leaves of the set being attached to the binding leaf in a novel and convenient manner facilitating detachment upon completion of the record entry, and enabling the detached leaves to remain attached to each other after detachment from the binding leaf.

And her feature of the invention resides in the improved manner of attaching folded record and transfer sheets to the free end of the binding sheet whereby detachment from said binding sheet is facilitated, and production costs reduced.

Other objects of the invention will be in part pointed out in the following detailed description of an illustrative but preferred embodiment of the invention, and will be in part obvious in connection therewith.

The invention accordingly comprises an article of manufacture possessing the features, properties, and the relation of elements which will be exemplified in the article hereinafter described and the scope of the application of which will be indicated in the claims.

For a more complete disclosure of the nature and objects of the invention, reference is made to the detailed description below and to the accompanying drawing of the illustrative embodiment, in which:

Figure 1 is a partially diagrammatic perspective view showing a manifolding book embodying the invention; and

Figure 2 is a perspective partially diagrammatic view of one of the manifolding sets, parts being broken away for clearness of disclosure.

Referring to the drawing for a detailed description of the illustrative embodiment of the invention there shown, a multiplicity of improved manifolding sets 4 are bound together in the form of a manifolding record book which may be in the form of a known type of sales book as shown. The main supply or body of manifolding sets is indicated at 5 and these sets are bound together in the book binding 6, while a cover 7 of relatively heavy flexible cardboard, manila, or similar material is provided for the book.

Each of the manifolding sets is of special improved construction as particularly shown in Fig. 2 and all of the individual sets are substantially alike. Each set is provided with a stub or binding leaf 8 made of a quality of paper suitable for providing a record leaf upon which inscriptions may be written being preferably provided with a suitable blank form for this purpose. Each binding leaf 8 is provided with a binding stub or extension 9 at one end margin thereof by means of which the sets are bound into the book binding 6 as by means of staples 10 or by other suitable binding means. As shown, this binding leaf is preferably of a single length and of a single thickness although if desired this binding unit may, under certain circumstances, be formed of a plurality of relatively superposed leaves, each having a binding extension for binding into the book binding 6.

Each of the manifolding sets or units also has additional record leaves such as the original record leaf 11 and the copy or triplicate record leaf 12. Transfer leaves 13 and 14 are provided for transferring inscriptions respectively to the binding record leaf 8 and to the triplicate leaf 12. The original record leaf 11 and transfer leaf 13 are disposed at the upper surface of the binding leaf, while record leaf 12 and transfer leaf 14 are disposed at the lower surface of said binding leaf. All of these upper and lower record and transfer leaves are attached to and supported by the binding leaf 8, being attached thereto at the outer or free end of said binding leaf and preferably being otherwise unattached thereto.

A very important feature of the invention resides in the manner of arranging the upper and lower record and transfer leaves with reference to the binding leaf and in the attachment thereof to said binding leaf. As shown, the transfer

leaves 13 and 14 are formed of a single integral sheet or length of material transversely folded substantially at its center of length, as indicated at 15, this fold enclosing the outer or free end of the binding leaf 8 and being attached to the marginal portion of said free end. A preferred manner of attaching the transfer leaves to the binding leaf is by means of a light adhesive attachment, such as the spots of paste 16. This adhesive attachment is preferably positioned only at the upper surface of the binding leaf 8, the carbon leaves being entirely free from direct attachment with the lower surface of said binding leaf. Also, the carbon or transfer leaves are free from attachment with the binding leaf or other part of the book or manifolding unit except at the adhesive attachment 16. Thus, it will be observed that both transfer leaves have free portions extending between the attachments 16 and the binding stub or extension 9, having free ends extending toward said binding extension.

Likewise, the original record leaf 11 and the triplicate 12 are preferably formed of a single integral length of paper transversely folded near its center of length as at 17 and enclosing the fold 15 of the transfer leaf and free end of the binding leaf. The folds 15 and 17 are thus substantially coincident with each other and positioned one within the other. The record leaves 11 and 12 are also attached to the set, being preferably attached directly to the transfer unit. Although this attachment may be positioned at different points of the transfer leaves, a convenient and preferable point of location is adjacent the fold line and this attachment may also be in the form of light, adhesive attachment, such as the spots of paste 18, between the adjacent surfaces of the record and transfer sheets. With this arrangement the record leaves 11 and 12 also have free portions extending from the attachments 18 toward the binding stub 8 having free ends positioned in the vicinity of said stub. The record leaves 11 and 12 are preferably divided from each other by means of a weakened transverse severance line 19 which may be positioned substantially at the fold line 17 and may be formed by perforating, scoring, or otherwise weakening the paper. All of the record leaves 8, 11 and 12 may be provided with appropriate blank forms for receiving the inscriptions and with appropriate printed data.

Both of the transfer leaves are preferably provided with carbon transfer material only upon their lower surfaces, as indicated at 20, but the upper surface could also be coated if desired. However, the free end of the transfer leaf 13 at both upper and lower surfaces thereof is preferably made clean and free of transfer material, as indicated at 21, thus facilitating handling without soiling the fingers. The free end of the transfer leaf 14 may also similarly be clean and free of transfer material. Also, in order to facilitate the adhesive attachments the transfer leaves may be free of transfer material adjacent the free attaching end of the binding leaf 8, as indicated at 22.

If desired, there may be a weakened transverse line between the binding stub extension 9 and the main body of the leaf 8 whereby said leaf may be readily detached from the book, but ordinarily this leaf is intended to remain permanently attached in the book after the inscriptions are made in order to form a permanent record.

A writing rest and stop leaf 23 is preferably attached to the cover 7 and is hinged thereto at 24 so as to be readily swung into position between the upper manifolding set and the next lower set. This rest thus provides a platen or support for the upper set which is being written upon and also prevents the inscriptions from being transferred to the underlying sets. This stop leaf is preferably provided with a notch 25 providing access for the free ends of the underlying manifolding sets whereby the latter may be grasped and drawn from underlying position and placed in writing position on top of the writing rest 23.

Also, a flap 26 is preferably attached to the back of the cover 7 for providing a retaining housing for the inscribed binding leaves 8. This flap 26 is preferably attached to a second sheet or flap 27 which may be attached to the cover 7 by means of the binding staples 10, the two flaps 26 and 27 being flexibly hinged together at 28 whereby the lower flap may be swung away from the binding to permit entry of the leaves 8 which are retained in position in the filing compartment thus provided when the flap 26 is swung back into normal position.

When the upper manifolding set is placed in writing position on top of the rest 23, the entries may be inscribed whereupon the original and triplicate record leaves and the transfer leaves may be quickly and easily removed from the book. This is accomplished by grasping the free ends of the original record leaf 11 and upper transfer leaf 13 and swinging them outwardly away from the binding, thus exerting a pull upon the adhesive attachments 16 attaching these leaves to the binding leaf. Due to the fact that these attachments 16 are positioned only at the upper surface of the binding leaf 8, this pulling action results in a very easy and complete detachment from the binding leaf. It will be noted that this pull upon the leaves results in a lifting action initiated at the inner edge of the adhesive attachments 16, thus functioning very effectively to tear or strip the adhesive attachments apart. This can be done very rapidly and with but a single movement of the operator. When these attachments are completely severed, the inscribed leaves are entirely free from the binding leaf, but they still remain attached together by virtue of the attachments 18 so that further inscriptions may be made upon the detached original leaf and transferred to the triplicate leaf. The record and transfer leaves may then be detached from each other at any desired time and the original and triplicate leaves may be separated from each other by severance along the line 19. The binding leaf can be turned back as shown in Fig. 1 and deposited in the compartment provided by the flap 26 or it may be severed from the book if desired. The used carbon leaves may be discarded inasmuch as each manifolding set is provided with its own carbon leaves.

If an original and one copy only of the record is desired, the leaves beneath the binding leaf 8 of each set can be omitted, still leaving the upper record and carbon leaves attached in position as above described.

Since certain changes may be made in the above article and different embodiments of the invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

Having described my invention, what I claim

as new and desire to secure by Letters Patent is:

1. A single manifolding set including, in combination, a record leaf having an extension binding stub, record and transfer leaves positioned at both surfaces of the leaf with the stub and in manifolding transfer relation therewith and with each other, said record and transfer leaves at both sides of the leaf with the stub being attached to the latter leaf at the margin thereof opposite to said stub, and being otherwise free of attachment with said stub leaf and having free ends extending toward said stub.

2. A single manifolding set including, in combination, a record leaf having an extension binding stub, record and transfer leaves positioned at both surfaces of the leaf with the stub and in manifolding transfer relation therewith and with each other, said record and transfer leaves at both sides of the leaf with the stub being attached to the latter leaf at the margin thereof opposite to said stub, and being otherwise free of attachment with said stub leaf and having free ends extending toward said stub, said stub leaf extending between said transfer leaves and said record and transfer leaves which are attached to the stub leaf being attached together so as to remain attached after detachment thereof from said stub leaf.

3. A manifolding book including, in combination, a binding, a plurality of manifolding sets each having a plurality of leaves, one leaf of each set being a binding leaf and having a binding stub bound into said binding, each of said sets having a record leaf and a transfer leaf having detachable attachment to said binding leaf near to the end of the latter remote from said binding, said record and transfer leaves being otherwise free from attachment with said binding leaf and having free ends extending toward said binding and lying between the latter and said detachable attachment, said record and transfer leaves of each set overlying said binding leak and said detachable attachment being in the form of a light adhesive attachment to the upper surface of the binding leaf, so as to be readily released by exerting a pull upon said transfer and record leaves away from said binding.

4. A manifolding book including, in combination, a binding, a plurality of manifolding sets each having a plurality of leaves, one leaf of each set being a binding leaf and having a binding stub bound into said binding, each of said sets having a record leaf and a transfer leaf having detachable attachment to said binding leaf near to the end of the latter remote from said binding, said record and transfer leaves being otherwise free from attachment with said binding leaf and having free ends extending toward said binding and lying between the latter and said detachable attachment, said record and transfer leaves being attached together at points thereof remote from said binding so as to remain attached together after detachment thereof from said binding leaf, said record and transfer leaves of each set overlying said binding leaf and said detachable attachment being in the form of a light adhesive attachment to the upper surface of the binding leaf, so as to be readily released by exerting a pull upon said transfer and record leaves away from said binding.

5. A manifolding book including, in combination, a binding, a plurality of manifolding sets each having a plurality of leaves, one leaf of each set being a binding leaf and having a binding stub bound into said binding, a transfer sheet and a record sheet both folded about the end of each of said binding leaves remote from the binding, the inner folded sheet having detachable attachment to said binding leaf near to said remote end thereof, said folded sheets forming record and transfer leaves positioned above and below the binding leaf, said record and transfer leaves extending from said attachment toward said binding and having free ends positioned between said attachment and binding.

6. A manifolding book including, in combination, a binding, a plurality of manifolding sets each having a plurality of leaves, one leaf of each set being a binding leaf and having a binding stub bound into said binding, a transfer sheet and a record sheet both folded about the end of each of said binding leaves remote from the binding, the inner folded sheet having detachable attachment to said binding leaf near to said remote end thereof, said folded sheets forming record and transfer leaves positioned above and below the binding leaf, said record and transfer leaves extending from said attachment toward said binding and having free ends positioned between said attachment and binding, and said record and transfer sheets having attachment with each other separate and independent of said detachable attachment so as to remain attached together after detachment thereof from said binding leaf.

7. A manifolding book including, in combination, a binding, a plurality of manifolding sets each having a plurality of leaves, one leaf of each set being a record copy leaf and forming a binding leaf having a binding stub bound into said binding, a transfer sheet and a record sheet both folded about the end of each of said binding leaves remote from the binding and forming record and transfer leaves positioned above and below the binding leaf and in manifolding transfer relation therewith and with each other, said record and transfer leaves both above and below said binding leaf extending from the folds thereof toward said binding and having free ends positioned between said folds and the binding, and being attached near said folds to said binding leaf near to said remote end thereof.

8. A manifolding book including, in combination, a binding, a plurality of manifolding sets each having a plurality of leaves, one leaf of each set being a record copy leaf and forming a binding leaf having a binding stub bound into said binding, a transfer sheet and a record sheet both folded about the end of each of said binding leaves remote from the binding and forming record and transfer leaves positioned above and below the binding leaf and in manifolding transfer relation therewith and with each other, said record and transfer leaves both above and below said binding leaf extending from the folds thereof toward said binding and having free ends positioned between said folds and the binding, the upper of said transfer leaves having light adhesive attachment with the upper surface of said binding leaf near to said remote end thereof, and said folded record and transfer sheets being attached together.

9. A single manifolding set including, in combination, a record binding leaf having a stub extension for binding the set into a book, an inner transfer sheet and an outer record sheet both folded about the end of said binding leaf remote from the stub thereof so as to provide record and

transfer leaves positioned at both surfaces of the binding leaf and in manifolding transfer relation therewith and with each other, the record and transfer leaves for both sides of the binding leaf having free ends extending toward said stub, said transfer sheet having detachable attachment adjacent the fold thereof with one surface only of said binding leaf substantially at said remote end thereof, and said folded record sheet being attached to the set separately and independently from said detachable attachment.

10. A manifolding book including, in combination, a binding, a plurality of manifolding sets each having a plurality of leaves, one leaf of each set being a binding leaf and having a binding stub bound into said binding, each of said sets having a record leaf and a transfer leaf positioned at each of the opposite surfaces of said binding leaf and having attachment with the latter leaf near to the end thereof remote from said binding, said record and transfer leaves being otherwise free from attachment with said binding leaf and having free ends extending toward said binding.

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