

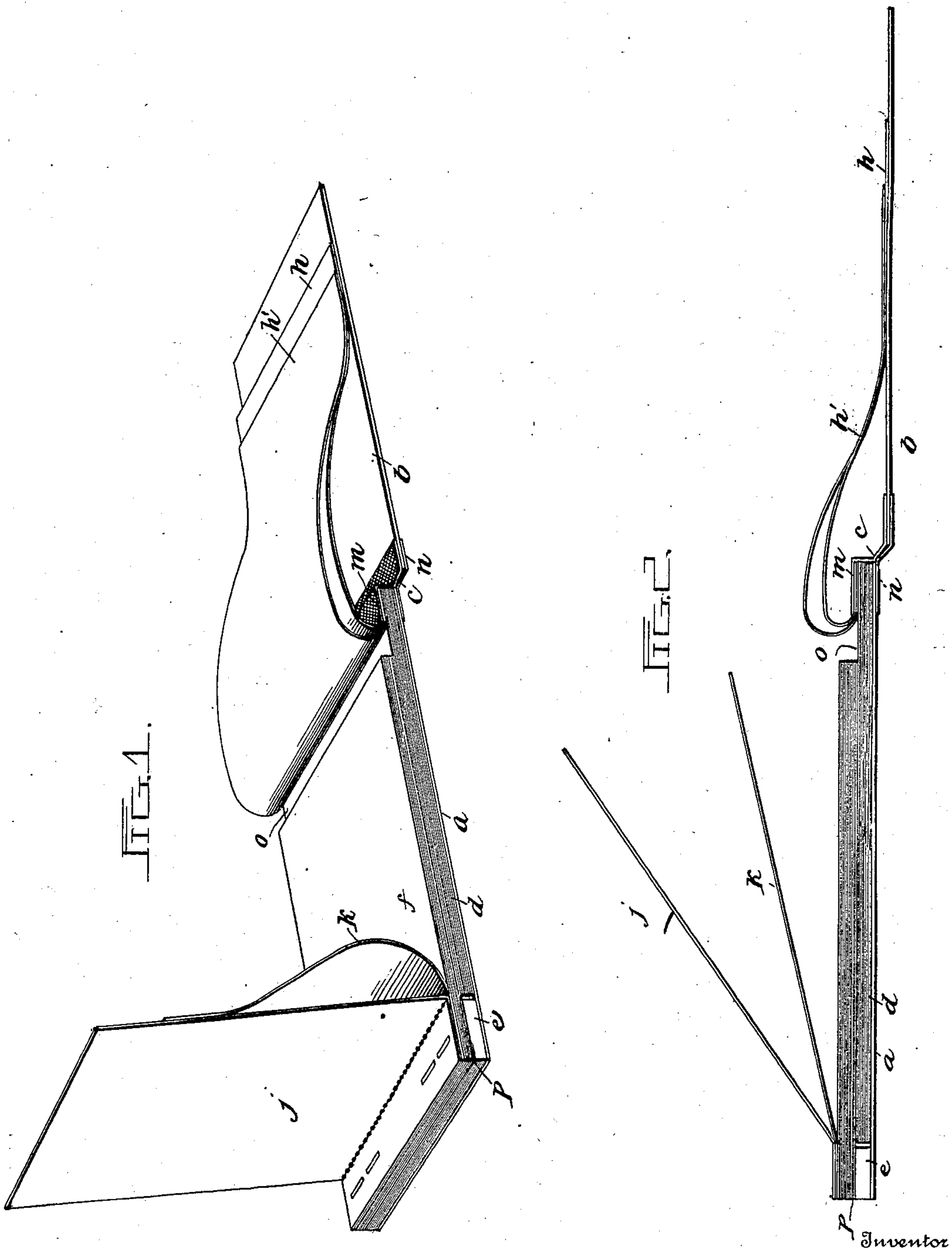
No. 715,595.

Patented Dec. 9, 1902.

A. V. NEUMANN.
TRIPLICATE ORDER BOOK.

(Application filed Aug. 21, 1902.)

(No Model.)



Witnesses

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ARNO VICTOR NEUMANN, OF MANSFIELD, OHIO.

TRIPLICATE-ORDER BOOK.

SPECIFICATION forming part of Letters Patent No. 715,595, dated December 9, 1902.

Application filed August 21, 1902. Serial No. 120,585. (No model.)

To all whom it may concern:

Be it known that I, ARNO VICTOR NEUMANN, a citizen of the United States of America, and a resident of Mansfield, county of Richland, and State of Ohio, have invented certain new and useful Improvements in Triplicate-Order Books, of which the following is a specification.

My invention relates to manifold-order books, and is especially designed to take memoranda in triplicate simultaneously; and it consists in an improvement of the construction of Letters Patent No. 553,916 granted to Henry D. Keith, bearing date of February 4, 1896, filed November 4, 1895, Serial No. 56,728, (manifold account and sales book,) whereby triplicate memoranda can be made. It will be observed that only one copy in addition to the original memoranda can be taken in employing the manifold account and sales book constructed according to the specification and claims of the Keith patent referred to.

My invention therefore consists in materially changing the construction of the Keith Letters Patent whereby one original and two copies can be taken at the same time. I attain these objects by the construction of the order-book as shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the book, showing the original leaf, transparent tissue-sheet, and carbon sheet or sheets when the book is open. Fig. 2 is an edge view showing the book open.

The back *a* and primary cover *b* consist of two separate parts connected by a flexible hinge *c*. A leaf-section or pad *d*, composed of original leaves, is bound between the flexible hinge and one end of the back. To the opposite end of the back a block *e* is attached, the upper surface of said block being on a plane with the top of the leaf-section *d*. This provides a uniform surface for section *f*. To the upper portion or face of said block, a pad *f*, composed of separate leaves, is bound. The upper pad *f* overlaps the lower pad *d*. The lower pad is composed of a series of leaves *h*, having perforations provided in the end, and a series of tissue-paper leaves *h'*, bound together alternately with said leaves. The upper pad is composed of a series of leaves hav-

ing perforations provided in one end. Between the pad *f* and the secondary cover *j*, a double-faced carbon-sheet *k* may be bound, or, if preferred, two or more carbon-sheets, to provide a means whereby triplicate memoranda can be taken simultaneously. The flexible hinge *c* is made in two parts and attached to one end of the primary cover *b*, the opposite or free ends being attached to the upper and lower portions *m* and *n* of the pad *d*, binding the leaves securely and forming a flexible hinge of superior construction.

In using the book, the primary cover *b* is opened and turned under the book, adjacent to and on a plane with the back *a*, the secondary cover *j*, which protects the carbon-sheet, is opened, exposing the carbon-sheet, the upper pad *f* is folded back upon the secondary cover *j* and one of the leaves *h*, and one of the tissue-leaves *h'* of the lower pad *d* is turned back in the position shown in the drawings. The upper pad *f* and the double-faced carbon-sheet *k* are then turned back in place and made to lie upon the leaf-section *d*, and the tissue-leaf is then turned and left lying upon the upper surface of the double-faced carbon-sheet. The original leaf *h* is then made to lie upon the upper face of the tissue-sheet. This leaves the carbon-sheet between the transparent tissue-sheet and the first leaf of the upper pad *f*. The order is now written in the usual manner. The original sheet *h* is then detached along the perforated line and forwarded to the house or firm of the salesman. The duplicate-sheet *f* is given to the customer and the tissue-sheet *h'* is turned back, leaving it lying adjacent to the primary cover *b* and is retained in the book. The remaining sheet *o* is detached. The carbon-sheet being carbonized on both sides in conjunction with the tissue or transparent paper provides a means of producing triplicate copies. An interposed sheet of cardboard *p* is bound between the block *e* and the upper pad *f*, the purpose of which is to protect the sheets of the lower pad *d* and separate the lower and upper pads. It also provides a means of raising the entire section quickly and without injury to the leaves. The block *e* keeps the leaves of the pad *d* in a horizontal position or parallel with the back

a of the book. The pads are bound to the cover and back of the book by means of wire staples or other equivalent means. It will be observed that the impression-leaves need not be removed, but will always be in proper place in conjunction with the respective leaves upon which copies are to be made as the latter are manipulated by the user.

The leaf-section *d* is composed of an equal number of transparent tissue-sheets and other leaves which I have designated "original" leaves. They are bound together alternately in a pad of suitable size.

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

1. A triplicating-order book comprising two leaf-sections, a suitable back to the opposite ends of which the pads are bound, one of the leaf-sections composed of transparent tissue-sheets and original sheets.

2. An order-book comprising two leaf-sections, a suitable back, the leaf-sections attached to the opposite ends of the back, a primary cover a flexible hinge connecting the primary cover and back, one of the leaf-sections composed of a pad of separate leaves, and the remaining leaf-section composed of a pad of tissue-sheets and original leaves.

3. In a triplicate-order book, a pad composed of an equal number of tissue-sheets and original leaves, a suitable back to one end of which the pad is secured, a block secured to the opposite end of the back, a pad of separate leaves secured upon the block and adapted to overlies the first-named pad, a secondary cover secured upon the upper pad and a carbon-sheet located between the secondary cover and the upper pad, the secondary cover adapted to overlies and protect the carbon-sheet.

4. An order-book comprising a primary cover, a back to which the cover is connected, leaf-sections secured to each end of the back, one of the leaf-sections composed of an equal number of plain sheets and tissue-sheets alternately arranged, the remaining leaf-section composed of plain sheets and adapted to overlies the first-named leaf-section, a secondary cover secured upon the upper leaf-section, and a double-faced carbon-sheet secured between the secondary cover and the upper leaf-section, the book adapted to make triplicate memoranda simultaneously by interposing the carbon-sheet between a tissue-sheet of the first-named leaf-section and a plain sheet of the upper leaf-section and superimposing a plain sheet of the first-named leaf-section thereupon.

5. A triplicate-order book comprising a suitable back, a pad comprising a series of tissue-sheets and plain leaves alternately arranged, the pad secured to one end of the back, a second pad composed of plain leaves secured to the opposite end of the back and overlying the first-named pad, a cover secured upon the

upper pad and a double-faced carbon-sheet located between the cover and the upper pad, the carbon-sheet adapted to lie upon the upper pad and be protected by the cover.

6. An order-book comprising a suitable back, a primary cover, a flexible hinge connecting the primary cover and back, a block secured to one end of the back, a pad secured to the opposite end of the back, the upper surface of the block on a plane with the top of the pad, said pad composed of a series of plain sheets and a series of tissue-sheets arranged alternately, a second pad composed of plain sheets, the second pad secured upon the block and overlying the first-named pad, a double-faced carbon-sheet secured upon the upper pad and a secondary cover located above the carbon-sheet and adapted to protect the latter.

7. An order-book comprising a suitable back, a pad composed of leaves, and tissue-sheets interposed alternately therebetween, the pad secured to one end of the back, a block secured to the opposite end of the pad, a pad of separate leaves secured to the block, a cover secured upon the last-named pad and a double-faced carbon-sheet secured between the last-named pad and the cover.

8. An order-book comprising a suitable back, a pad of leaves composed of tissue-sheets and plain sheets alternately arranged, the pad secured to the back, a second pad composed of plain leaves secured to the back, a cover secured upon the last-named pad and a double-faced carbon-sheet secured between the cover and the last-named pad.

9. An order-book comprising a back, a pad composed of tissue-sheets and plain leaves alternately arranged with relation to each other, the pad secured to one end of the back, a primary cover, a flexible hinge connecting the primary cover and the back, a block secured to the opposite end of the back, a pad of leaves secured upon the block, a double-faced carbon-sheet and a secondary cover secured upon the last-named pad, the carbon-sheet located between the secondary cover and the back.

10. A triplicate-order book comprising two leaf-sections, a back, the leaf-sections secured to opposite ends of the back, one of the leaf-sections composed of a series of plain sheets and a series of tissue-sheets, the single sheets of each series alternately arranged with respect to one another, a block located between the other of said leaf-sections and the back, a cover secured upon the last-named leaf-section and a plurality of carbon-sheets secured between the cover and pad.

11. An order-book comprising a suitable back, leaf-sections secured thereto, one of the leaf-sections composed of alternately plain sheets and tissue-sheets, the remaining leaf-section composed of separable leaves, the last-named leaf-section adapted to overlies the first-named leaf-section, a carbon-sheet lo-

cated upon the separable leaf-section and a cover superimposed upon the carbon-sheet for its protection.

5 12. An order-book comprising a suitable back, a pair of leaf-sections secured to the back, one of the leaf-sections adapted to overlie the other leaf-section, a separating leaf located between the two sections, a carbon-

sheet secured upon the upper leaf-section and a cover for the protection of the carbon-sheet. 10

Signed at Mansfield, Ohio, this 2d day of August, 1902.

ARNO VICTOR NEUMANN.

Witnesses:

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