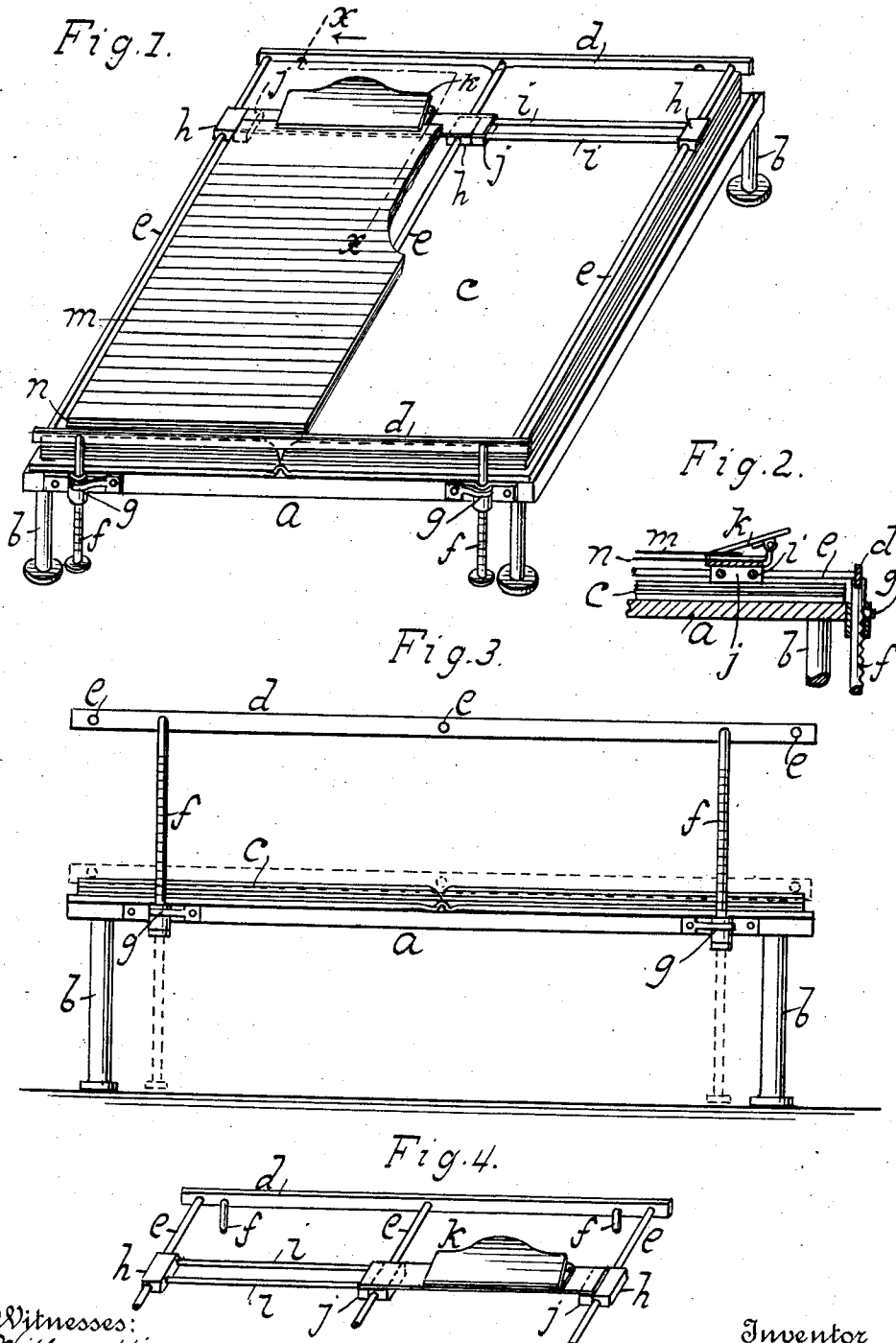


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MANIFOLDING DEVICE.
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1,062,968.

Patented May 27, 1913.



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MANIFOLDING DEVICE.

1,062,968.

Specification of Letters Patent.

Patented May 27, 1913.

Application filed July 8, 1912. Serial No. 708,149.

To all whom it may concern:

Be it known that I, PHILIP HANO, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Manifoldng Devices, of which the following is a specification.

This invention relates to a device for manifoldng any hand-written copy onto the page of a book, so that a permanent record may be kept of the transaction.

The device consists of a base or table on which is an open book for receiving the transfer copy written on the sheet arranged on the book. A rectangular frame, which may be moved vertically, is mounted on the base and serves to prevent the open book from being displaced. The frame carries a spring clip for holding a sheet of carbon paper and the blank or printed slip, each independent of the other, so that the carbon paper may be removed without removing the bill or the bill may be removed without removing the carbon paper. This clip may be moved transversely to include the width of either page of the book, as well as longitudinally to cover the entire length of the page. When the frame is lifted, the leaves of the book may be freely turned. A slight push will again move the frame downward in contact with the book, and hold the same tightly on the table. It will be seen that when the upper sheet is written on, the carbon paper transfers an exact copy of the original onto the page of the book or the pack of leaves. When the entire page has been written the clip may be moved along the transverse rails to the opposite page. Thus the device includes means for covering any portion of the page, lengthwise, or any portion of either page, transversely.

The frame is compact and inexpensive, and can be attached to a desk or table. It may also be made to collapse, so that when not in use it may be folded up and thus take up little room.

The novel features of the invention are more fully described in the following specification and claims and illustrated in the accompanying drawing in which:—

Figure 1 represents a perspective view of a device embodying this invention. Fig. 2 is a section taken along the line *x x* of Fig. 1. Fig. 3 is an end view showing the frame elevated. Fig. 4 is a detail perspective view of the frame.

In this drawing the letter *a* designates a base or table which is provided with feet *b* for supporting the table. On this table is positioned an open book *c* to receive the transfer carbon copy as will be hereinafter described. On the table is mounted a frame which consists of transverse end bars *d* and longitudinal rails *e*. Each transverse bar is provided with a pair of downwardly projecting posts *f* to frictionally engage devices *g* fixed to the edges of the base. These posts move up and down with the frame and the friction devices prevent the frame from moving downward when elevated. When the frame is elevated as shown in Fig. 3, the leaves of the book can be freely turned. A slight push will again move the frame downward to contact with the book and hold the same on the table as indicated in Fig. 1.

Slidably mounted on each of the rails *e* is a block *h* having secured thereto a pair of transverse rails *i*. On the latter rails are slidably mounted a pair of blocks *j* which carry a spring paper clip *k* of ordinary construction. The clip is adapted to grasp a bill or other sheet of paper *m* and a sheet of carbon paper *n*, see Figs. 1 and 2.

It will be seen that when the upper sheet is written on, the carbon sheet transfers a correct copy of the original onto a page of the book.

When a page has been written the clip with its blocks *j* can be moved along the transverse rails as indicated in Fig. 4 to the opposite page. The clip can also be moved longitudinally by sliding the blocks *h* along the longitudinal rails *e*.

Of course the device is not confined to writing on a bound book exclusively, but may be used on a pad or pile of loose sheets etc.

I claim:—

1. A manifoldng device comprising a table for the reception of a book or leaf, a rectangular frame comprising transverse end bars and spaced apart longitudinal rails, the transverse bars having downwardly projecting posts, friction devices on the table engaging the posts to yieldingly support the frame above the table, said frame being adapted to be drawn up and pushed down to the desired position above the table, blocks mounted to slide on said rails, a pair of transverse rails connecting said blocks, a pair of spaced apart blocks mounted to slide transversely of the frame on said pair of rails and a paper clip se-

cured to said pair of blocks and adapted to hold a carbon and a superposed sheet.

2. A manifolding device comprising a table for the reception of a book or leaf, a
5 frame extending over the table, yielding supporting means between the frame and the table admitting the manual lifting of the frame to the desired height above the table and admitting of the manual pushing
10 of the frame down toward the table, said supporting means yieldingly holding the

frame in the desired vertically adjusted position, and a paper clip on the frame engaging a carbon and a superposed sheet whereby to hold the same over the book or leaf. 15

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

PHILIP HANO.

Witnesses:

EDWARD HANO,

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
