H. C. WEIS & H. A. CONSOR.

TRAY HOLDER.

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1,240,908.

Fig. 1.

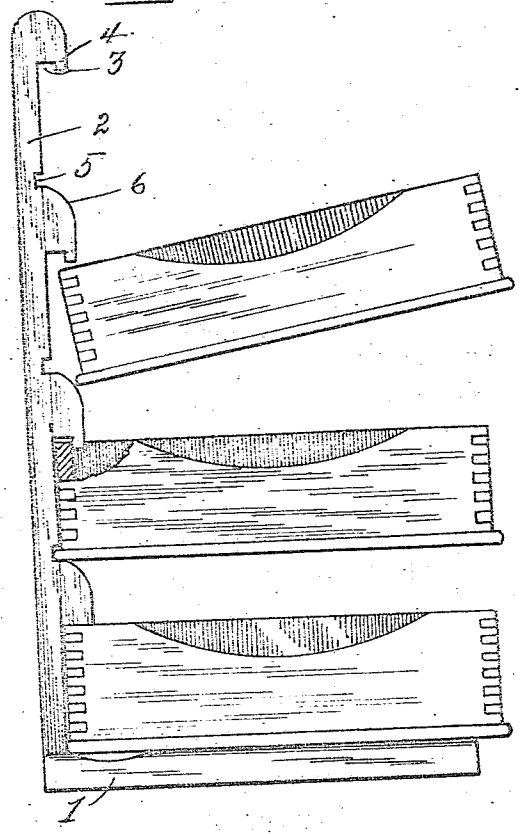


Fig. 2.

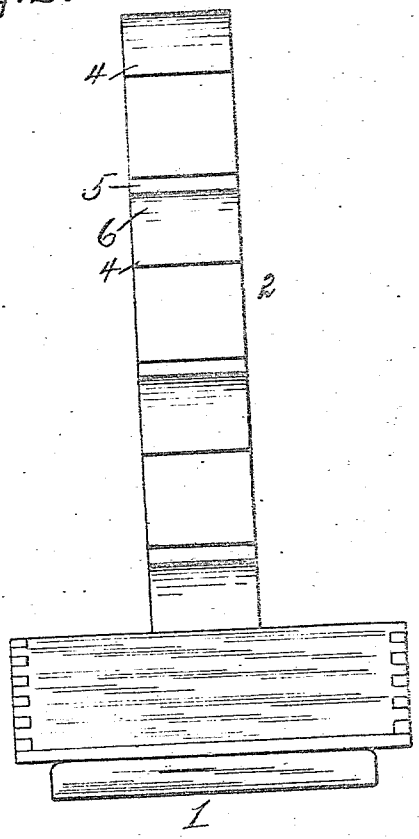
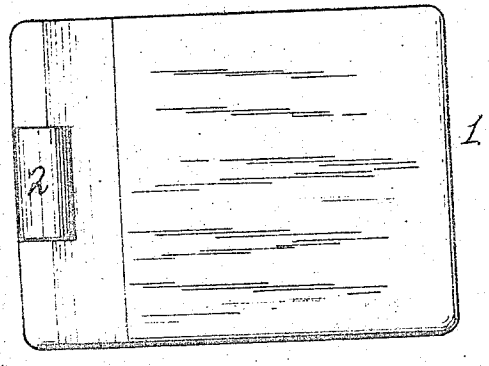


Fig. 3.



INVENTOR:
Harry C. Weis,
H. Austin Consor,
By Munn & Hall, Attorneys.

UNITED STATES PATENT OFFICE.

HARRY C. WEIS AND HERBERT AUSTIN CONSOR, OF MONROE, MICHIGAN, ASSIGNORS TO THE WEIS MANUFACTURING COMPANY, OF MONROE, MICHIGAN, A CORPORATION.

TRAY-HOLDER.

1,240,908. Specification of Letters Patent. Patented Sept. 25, 1917.

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To all whom it may concern:

Be it known that we, HARRY C. WEIS and HERBERT AUSTIN CONSOR, citizens of the United States, residing at Monroe, in the county of Monroe and State of Michigan, have jointly invented certain new and useful Improvements in Tray-Holders; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

In offices where desk-trays are employed for the reception of papers of various classes or for various files, the trays on a table or desk are often in the way and it is desirable that some means be employed for holding such trays in proper order where they may be readily accessible for placing or removing papers and to which the trays may be quickly and easily attached and from which they may be as readily and easily removed. It is also desirable that this be accomplished without taking up more desk-space than is usually accorded to a single tray.

To these ends our invention consists of a cheap simple and efficient tray-holder having the characteristics and advantages indicated, which device is hereinafter described, and shown and illustrated in the accompanying drawings, in which—

Figure 1 is a side-elevation of our tray-holder with a plurality of trays in position and supported thereon, and with one tray slightly disengaged from the holder; Fig. 2, a front-elevation of the holder with one tray in place, and Fig. 3, a top-plan-view of our holder with all trays removed.

Like numerals of reference indicate like parts throughout the drawings.

In the drawings, 1 is a base of any suitable form,—preferably rectangular,—and composed of any suitable material—preferably wood. From the back part of the base, midway between its side margins, springs an upright bar 2 which is rigidly secured to the base. The front side of the bar is provided with a series of equi-distant indentations and recesses adapted for the reception of and engagement with one of the side or end-walls of a tray. As these indentations are alike a description of one will suffice for all. Across the front side of the bar 2 there is formed a broad transverse rectangular notch or scarf the top of which is undercut as at 3 to form an overhanging lip 4. The bottom of the scarf is provided at its back with a transverse groove or channel 5. The bottom or floor of the scarf is preferably rounded, as shown at 6. The depth of the scarf from top to bottom is the same as the depth from top to bottom of the tray to be supported. The recess 3 formed by the overhanging lip 4 is of just sufficient width horizontally to receive the top edge of the side-wall of a tray. The bottom transverse groove 5 is intended to receive loosely the projecting margin or ledge of the tray-bottom. When the upper edge of a tray is slipped upwardly and behind the overhanging lip 4 with the projecting ledge resting in the groove 5, the tray is supported and held in horizontal position. As many trays as may be desired, within the limits of the holder, may thus be supported, one above another, with sufficient space between the trays to permit ready access to their contents. It will be seen that all of the trays may be quickly removed and carried together to a cabinet or vault or safe while retaining the several trays in their proper order.

Having described our invention, what we claim and desire to secure by Letters Patent, is—

1. In a tray holder, an upright bar having across its front face a series of transverse overhanging lips adapted respectively for engagement with the upper edge of a tray and having a corresponding series of transverse grooves adapted respectively for the reception of the projecting bottom ledge of a tray.

2. In a device of the described character, a base, an upright member carried by the base, said member having a series of transverse grooves arranged at equi-distant intervals one above another, said grooves being adapted respectively for the reception of and engagement with the upright portions of a tray.

3. A tray holder comprising a base, an up-

right member secured to said base at one side thereof, said member having in its forward side a plurality of transverse recesses adapted respectively for the reception of the side of a tray, said recesses having respectively transverse grooves for the reception of the top-edge of a tray and for the projecting bottom ledge of a tray.

In testimony whereof we affix our signatures in presence of two witnesses.

HARRY C. WEIS.
H. AUSTIN CONSOR.

Witnesses:
H. E. LENTZ,
F. L. HAYES.