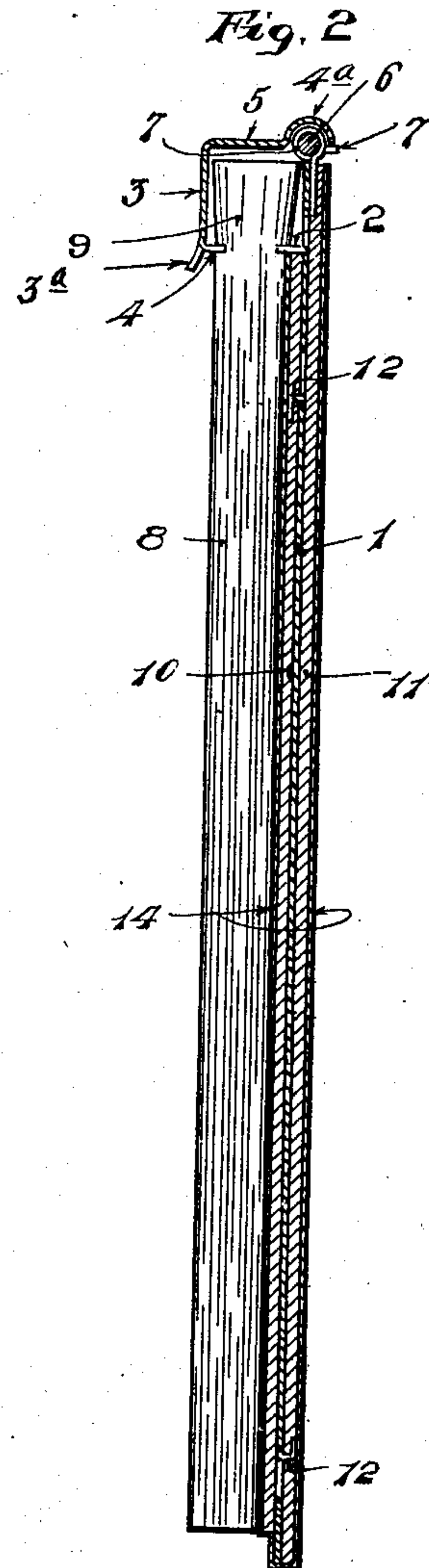
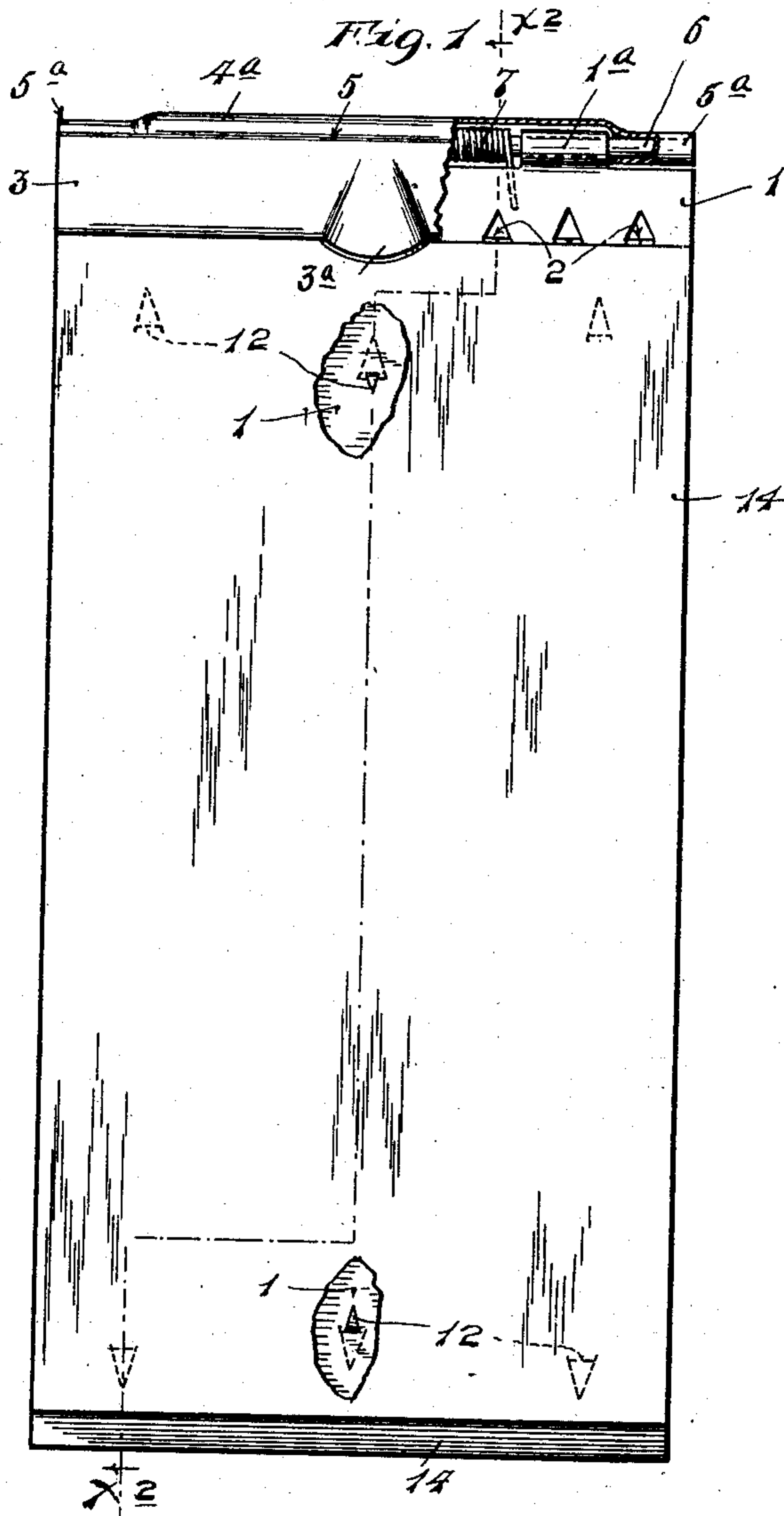


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MANIFOLDING SALES PAD HOLDER.
APPLICATION FILED MAY 9, 1910.

994,328.

Patented June 6, 1911.



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UNITED STATES PATENT OFFICE.

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MANIFOLDING-SALES-PAD HOLDER.

994,328.

Specification of Letters Patent.

Patented June 6, 1911.

Application filed May 9, 1910. Serial No. 560,153.

To all whom it may concern:

Be it known that I, EDWARD L. MOONEY, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Manifold-
ing-Sales-Pad Holders; and I do hereby 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.

My invention relates particularly to manifold-
ing sales books and has for its object to provide improved means for detachably
holding pads or book filling leaves.

To the above ends, the invention consists of the novel devices and combinations of devices hereinafter described and defined in
the claims.

In the accompanying drawings which illustrate the invention, designed for use as a manifolding sales pad holder, like characters indicate like parts throughout the several views.

Referring to the drawings, Figure 1 is a plan view with some parts broken away, showing the improved device; and Fig. 2 is a view, principally in section, taken on the irregular line $x^2 x^2$ of Fig. 1, with a pad secured to the cover and indicated by full lines.

The numeral 1 indicates a thin sheet metal plate, having secured to its upper end a pad clamping device. The plate, near its upper end, is provided with a series of laterally spaced teeth 2, which, as shown, are pressed from the body thereof, bent at right angles thereto, and extend parallel to the upper edge of the said plate.

The pad clamping device is in the form of a clamping plate 3 having, at its free edge, inturned clamping teeth 4 for coöperation with the teeth 2 and having, at its upper edge, a hinge flange 5 which projects approximately at right angles to the clamping plate 3. This hinge flange 5 and the upper edge of the plate 3 have axially alined bent hinge lugs 5^a and 1^a, respectively, through which lugs a hinge pin 6 is passed to pivotally connect the plate 1 and the clamping plate 3. The hinge pin 6 is located with its axis at the intersection of the planes of the plate 1 and the hinge flange 5, so that the hinge lugs 1^a and 5^a are one-fourth inside

and three-fourths outside of the intersecting planes of said plate 1 and hinge flange 5. The hinge lugs 1^a and 5^a are located in pairs and are spaced apart and afford clearance for a torsional spring 7 which surrounds the intermediate portion of the hinge pin 6. At its ends, the spring 7 (see Fig. 1) acts against the back of the plate and against the edge of the hinge flange 5 and exerts a force which tends to throw the two sets of coöperating teeth 2 and 4 together.

That portion of the hinge flange 5 between its hinge lugs 5^a is pressed outward to form a hood 4^a, that completely surrounds and covers the outer one-half of the hinge lugs 1^a and the spring 7. At its free or outer edge, the clamping plate 3, at its intermediate portion, is provided with an upturned lip 3^a which affords a finger piece, by means of which said clamping plate 3 may be pivotally moved away from the plate 1.

The numeral 8 indicates the pad, which is of the standard or of any suitable construction, but preferably of the type wherein the leaves are connected to a binding head 9 and are perforated where they join the said binding head.

The plate 1 is reinforced by means of a pair of stiff cardboard sheets 10 and 11, secured to the front end back of the plate 1, respectively, by means of barbs 12, which barbs are, as shown, stamped from the plate 1, bent at right angles thereto, and pressed through the sheets 10 and 11, their projecting ends bent over and pressed into said sheets. By reference to Fig. 2, it will be noted that the sheets 10 and 11 extend the full length of the plate 1 with the exception of the upper end of the sheet 11, which only extends up to the teeth 2, thus giving the maximum amount of room between the plate 1 and the clamping plate 3 for the binding head 9 which is, of necessity, considerably thicker than the pad 8. This construction is important for the reason that it permits the pad 8 to lie perfectly flat its entire length on the cover and thereby giving a smooth surface upon which to write. The spring 7 affords a stop for the upper end or the head of the pad, and the teeth 2 and 4 are so located that, when clamped on the pad 8, the perforations, not shown, will be slightly below the said teeth.

The exposed portions of the plate 1 and

the sheets 10 and 11 are covered with leather or cloth 13.

Hitherto, in manifolding sales books of this general character, there have been employed 5 metallic pad-clamping devices and cardboard reinforcing plates independently secured to a metallic plate, which necessitates the punching of numerous holes and the riveting of the several parts together. This 10 construction has been found to be expensive to make and also difficult to properly align the clamping device with respect to the cover. As is evident, the above noted faults have been overcome in the above described 15 device by forming the hinge lugs, to which the clamping device is pivoted, integral with the metallic back plates and by pressing the cooperating teeth from the body thereof.

Any suitable carbon holding device may 20 be employed. For the purposes of this case, it will not be necessary to illustrate the same.

The above described device, while very simple and cheap to make, is very efficient for the purposes had in view.

25 What I claim is:

1. The combination with a metallic sales pad holder plate constituting a back and having teeth struck up directly from the 30 body portion thereof at points below the upper edge of said plate, of a clamping jaw hinged to the upper edge of said plate for cooperation with the teeth of said plate, and a spring applied to said plate and clamping jaw and yieldingly pressing the free edge of 35 said clamping jaw toward the teeth of said plate, substantially as described.

2. The combination with a metallic sales pad holder plate constituting a back and having teeth and barbs struck up directly 40 from the body portion thereof at points below the upper edge of said plate, of a clamping jaw hinged to the upper edge of said plate for cooperation with the teeth of said

plate, a spring applied to said plate and clamping jaw and yieldingly pressing the free 45 edge of said clamping jaw toward the teeth of said plate, and a reinforcing plate secured to said holder plate by means of said barbs, substantially as described.

3. The combination with a metallic sales 50 pad holder plate, constituting a back one edge of which terminates in integrally formed hinge lugs and having teeth struck up directly from the body portion thereof at a point below said hinge lugs, of a clamping 55 jaw having one of its edges intumed for cooperation with the teeth of said plate, and having at its opposite edge a hinge flange with integrally formed hinge lugs, a hinge pin passed through the hinge lugs of said 60 plate and clamping jaw, and a spring applied to said plate and clamping jaw and yieldingly pressing the free intumed edge of said clamping jaw toward the teeth of said 65 plate, substantially as described.

4. The combination with a metallic sales pad holder plate constituting a back and having integrally formed hinge lugs, of a 70 clamping jaw having integrally formed hinge lugs and an integrally formed outwardly bulged hood portion extending between said hinge lugs, a hinge pin for pivotally connecting the hinge lugs of said plate and clamping jaw, and a spring applied to 75 said plate and clamping jaw and yieldingly pressing the free edge of said clamping jaw toward said plate, the hinge lugs of said plate and the spring being covered by said hood, substantially as described.

In testimony whereof I affix my signature 80 in presence of two witnesses.

EDWARD L. MOONEY.

Witnesses:

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HARRY D. KILGORE.