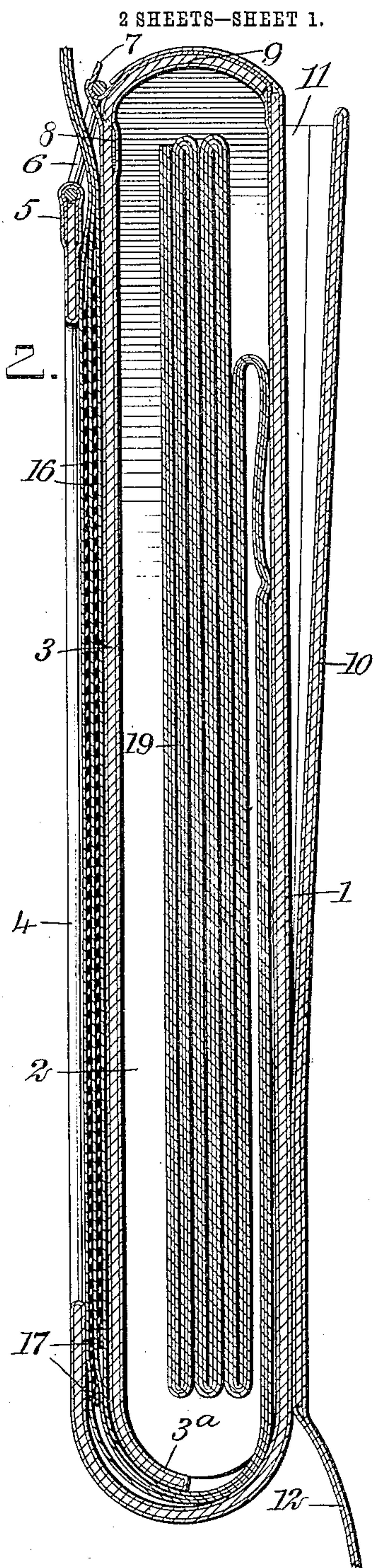
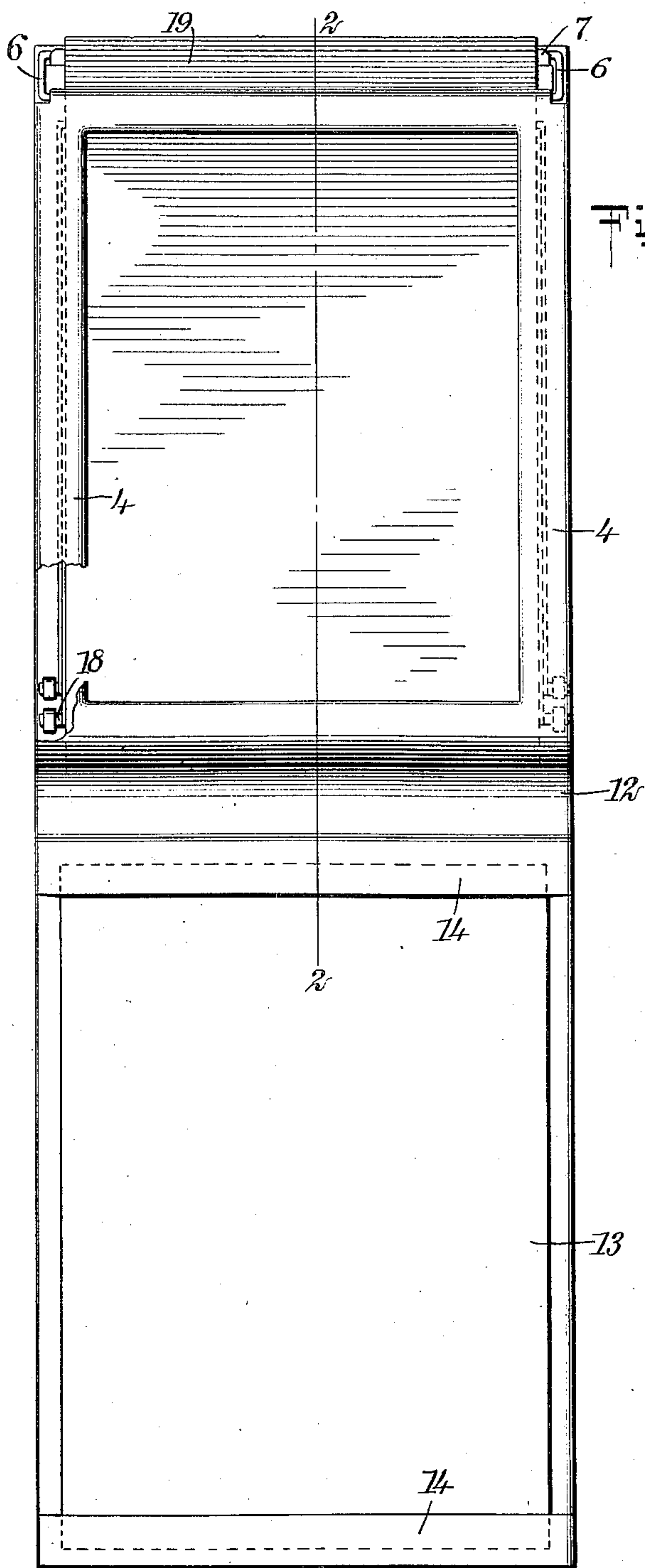


No. 854,483.

PATENTED MAY 21, 1907.

S. W. GASS.  
MANIFOLDING PAD.  
APPLICATION FILED MAY 11, 1906.



**WITNESSES**

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INVENTOR

South West Glass

BY *Mum Co*

ATTORNEYS

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2 SHEETS—SHEET 2.

Fig. 3.

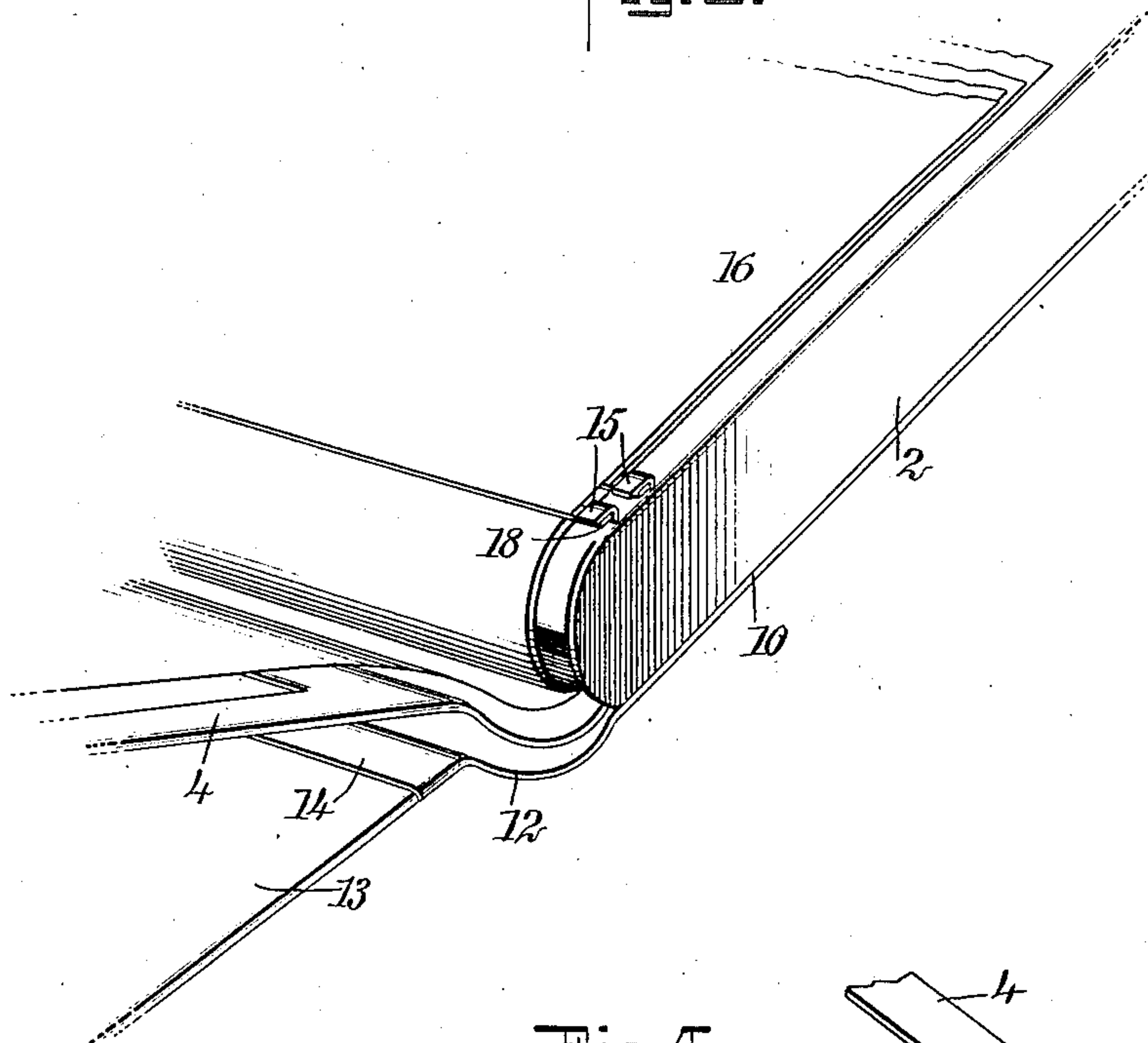
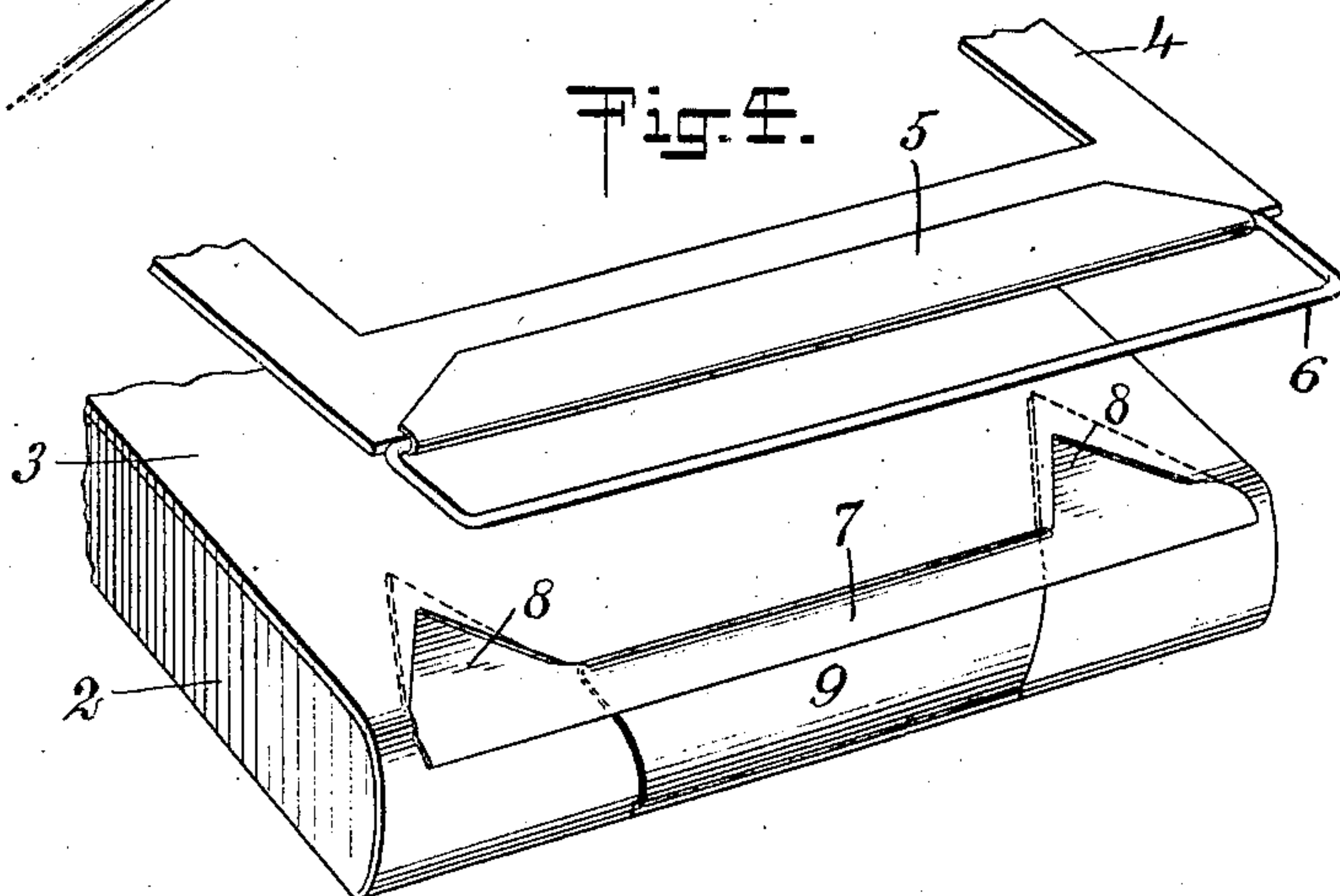


Fig. 4.



WITNESSES

*Spole Cheney*  
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INVENTOR

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# UNITED STATES PATENT OFFICE.

SOUTH WEST GASS, OF EVART, MICHIGAN.

## MANIFOLDING-PAD.

No. 854,483.

Specification of Letters Patent.

Patented May 21, 1907.

Application filed May 11, 1906. Serial No. 316,274.

*To all whom it may concern:*

Be it known that I, SOUTH WEST GASS, a citizen of the United States, and a resident of Evart, in the county of Osceola and State of Michigan, have invented a new and Improved Manifold-Pad, of which the following is a full, clear, and exact description.

This invention is an improvement in manifold pads to be used by store clerks in the recording of sales, where it is necessary to make duplicate slips of the name and price of each article sold, or other memoranda. With this in view I have constructed a book box made up in a simple and convenient form, which shall be of good appearance and adapted to contain a ribbon folded in a manner to pass freely from the box as it is withdrawn. The ribbon, which is made in two or more layers, preferably three, passes over the top of the box to inclose carbon sheets therebetween in order that when the top layer is written upon, two copies besides the original will result therefrom. The carbon sheets are secured in such a manner that as the layers of the ribbon are withdrawn the carbons will remain stationary to imprint the next succeeding layers which are pulled over them.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of my improved pad with the cover open to more clearly disclose the retaining flap and the means for holding the carbons in position; Fig. 2 is a section on the line 2—2 of Fig. 1; Fig. 3 is a perspective view of a fragment of the pad at the juncture of the box and the flap and cover, and Fig. 4 is a perspective view of the end of the box and the free end of the retaining flap to more completely disclose the latching means for holding the flap in place.

In carrying out my invention I employ a box made of pasteboard, comprising a bottom 1 having sides 2 bent up at each side thereof and rounded over at each end, as clearly shown in Figs. 2, 3 and 4. Extending from each end of the bottom of the box, of the same width and as an integral part thereof, is, respectively, a top 3 of the box and a flap 4. The top 3 is bent about the rounded ends of the sides 2 and is secured to the top edges

thereof by pasting strips on the inside of the box in a well known manner. The top 3 is slightly longer than the box and curls over the opposite ends of the sides 2 at 3<sup>a</sup>, partially closing this end of the box. The flap 4 is bent to conform to the sides 2 adjacent to the overhanging portion 3<sup>a</sup>, and is provided with a rectangular opening forming a frame where it is opposed to the box top. The free end of the flap has secured thereto a metal binding strip 5 in which is hingedly mounted a wire loop 6. This loop is adapted to be projected over and engaged with a flange 7 of a metal plate secured to the end of the box when the flap is to be latched in closed relation. The construction of this plate is best shown in Figs. 2 and 4, comprising pointed projections 8 at the back edge of the flange 7 passing through apertures in the box, and an extending lip 9 conforming to the rounded end of the box and entering an opening adjacent to the bottom 1. The entire box and flap are neatly covered over with leather or an imitation thereof, as clearly shown in Fig. 2, leaving only the loop 6 and the metal flange 7 exposed.

To the bottom of the box, near the open end thereof, is secured a pasteboard back 10 also covered with leather and attached to the bottom at its edges with folding strips 11 of any suitable material, forming a convenient pocket for containing checks, etc. The leather covering the pasteboard back 10 is extended beyond it, forming a flexible hinge 12 and covering a cover 13 for the pad. This cover is formed with a pocket 14 at each end by strips of the leather covering, in which may be inserted a card for recording the total sales, or any other data.

On the top of the box near the open end, are fixed two adjacent books 15 at each side, for holding carbon sheets 16 in place. For accomplishing this, each carbon sheet has pasted or otherwise secured at one end a pasteboard or strip of other material 17 having its ends 18 projecting beyond the carbon and engaging in two of the hooks 15, thereby permitting of the removal of the carbon sheet and its attached strip, but holding them in place when the ribbon is drawn forward.

In the interior of the box is placed a ribbon 19 of paper, preferably composed of three or more layers shown in Fig. 2, reversely folded back and forth upon itself in zig-zag fashion



with the bottom end of the ribbon passing out through the open end of the box around the overhanging end 3<sup>a</sup> of the top, which forms a guide; and then over the top 3 embracing the carbon sheets 16 between them, each carbon being positioned to copy on that layer of the ribbon 19 next below it. By now latching the flap 4 by means of the wire loop 6 and flange 7, with one end of the ribbon passing through the loop as shown in Fig. 2, the carbon sheets and ribbon are held to the top of the box and the pad is ready for use.

On writing on the top layer of the ribbon 19, two carbon copies are made in a well known manner, which may be withdrawn by pulling on the exposed end of the ribbon without releasing the flap 4 and torn off against the flange 7.

It is evident that various immaterial changes may be made in the construction of the pad from that hereinbefore described; and I consider that I am entitled to such modifications as fall within the scope of the invention as claimed.

Having thus described my invention I claim as new and desire to secure by Letters Patent:

1. In a manifolding pad, a pasteboard box partially open at one end, a flap and a top integral with the box, a rectangular opening in the flap, a binding strip carrying a wire loop at the free end of the flap, a flange secured to the closed end of the box adapted to be engaged by the wire loop to latch the flap in closed relation, a pasteboard back secured to the bottom of the box, folding strips connecting the edges of the back with the bottom of the box forming a pocket, a cover attached to the box, pockets carried by the

cover, manifolding means carried by the box, and a binding material covering the box, flap and cover.

2. A manifolding pad comprising a box having a rounded end partially open, a folded ribbon composed of a plurality of layers in the box and adapted to be passed through the open end over the rounded end thereof, carbon sheets carried on top of the box co-operating with the layers of the ribbon, and means for holding the carbon sheets and ribbon on the top of the box.

3. In a manifolding pad, a ribbon composed of a plurality of layers of paper reversely folded back and forth upon itself, a box in which the ribbon is contained, copying means carried by the box, a flap hinged to one end of the box, a flange fixed to the box, and a loop carried at the free end of the flap adapted to be engaged with the flange for locking the flap to the box, said flange also serving as a means for tearing off the ribbon.

4. In a manifolding pad, a box, carbon sheets carried on top of the box, a ribbon composed of a plurality of layers folded in zigzag fashion in the box passing over the top thereof and embracing the carbon sheets, a flange fixed to the box, and a flap hinged to the box having a loop adapted to be passed over the flange for holding the carbons and ribbon in place, with one end of the ribbon passing through the loop.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SOUTH WEST GASS.

Witnesses:

IRVIN CHASE,  
HUGH A. McLACHLAN.