

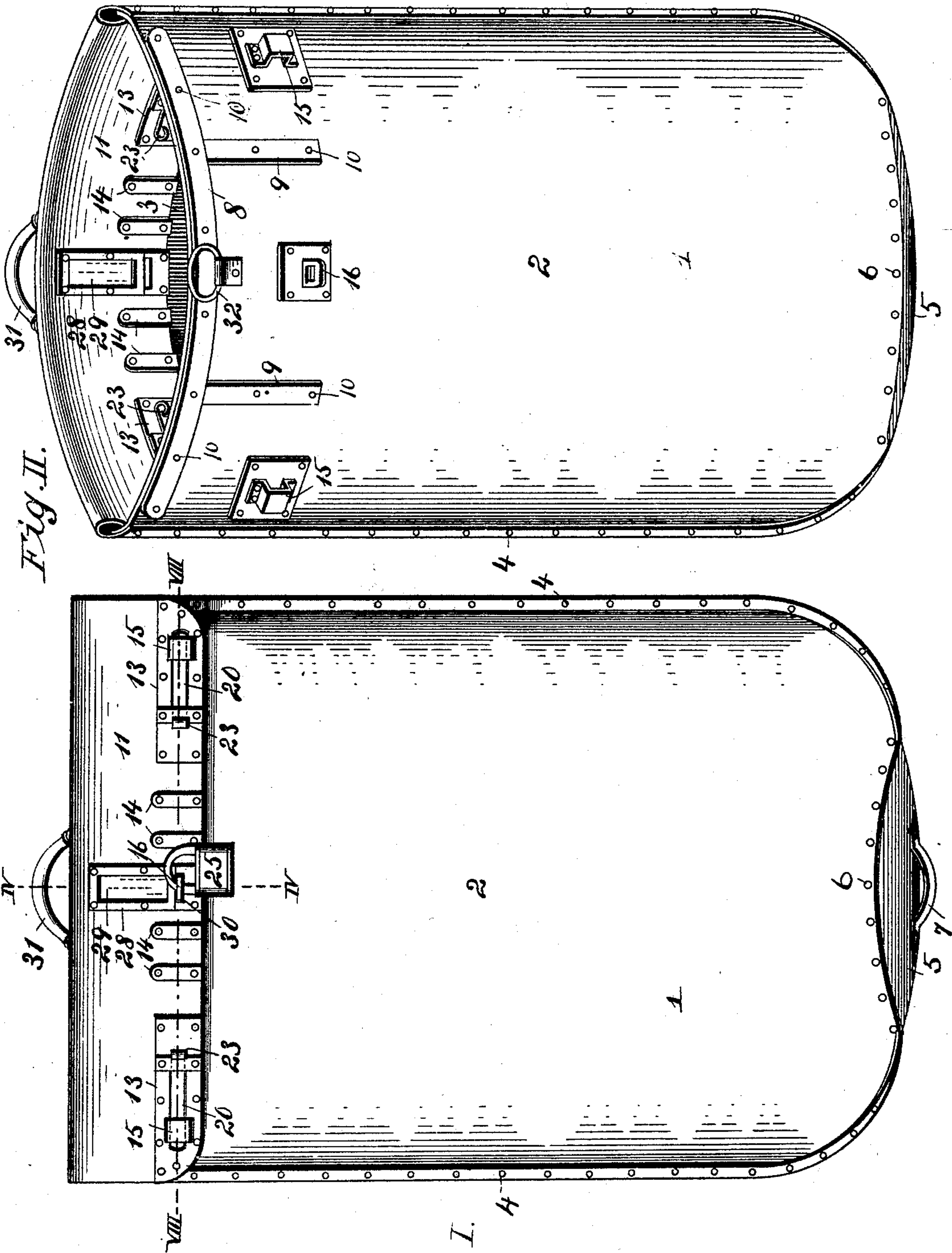
(No Model.)

2 Sheets—Sheet 1.

W. C. WILSON.
MAIL POUCH.

No. 509,711.

Patented Nov. 28, 1893



Witnesses:
F. G. Fischer
Geo. E. Lamer.

Fig. I.

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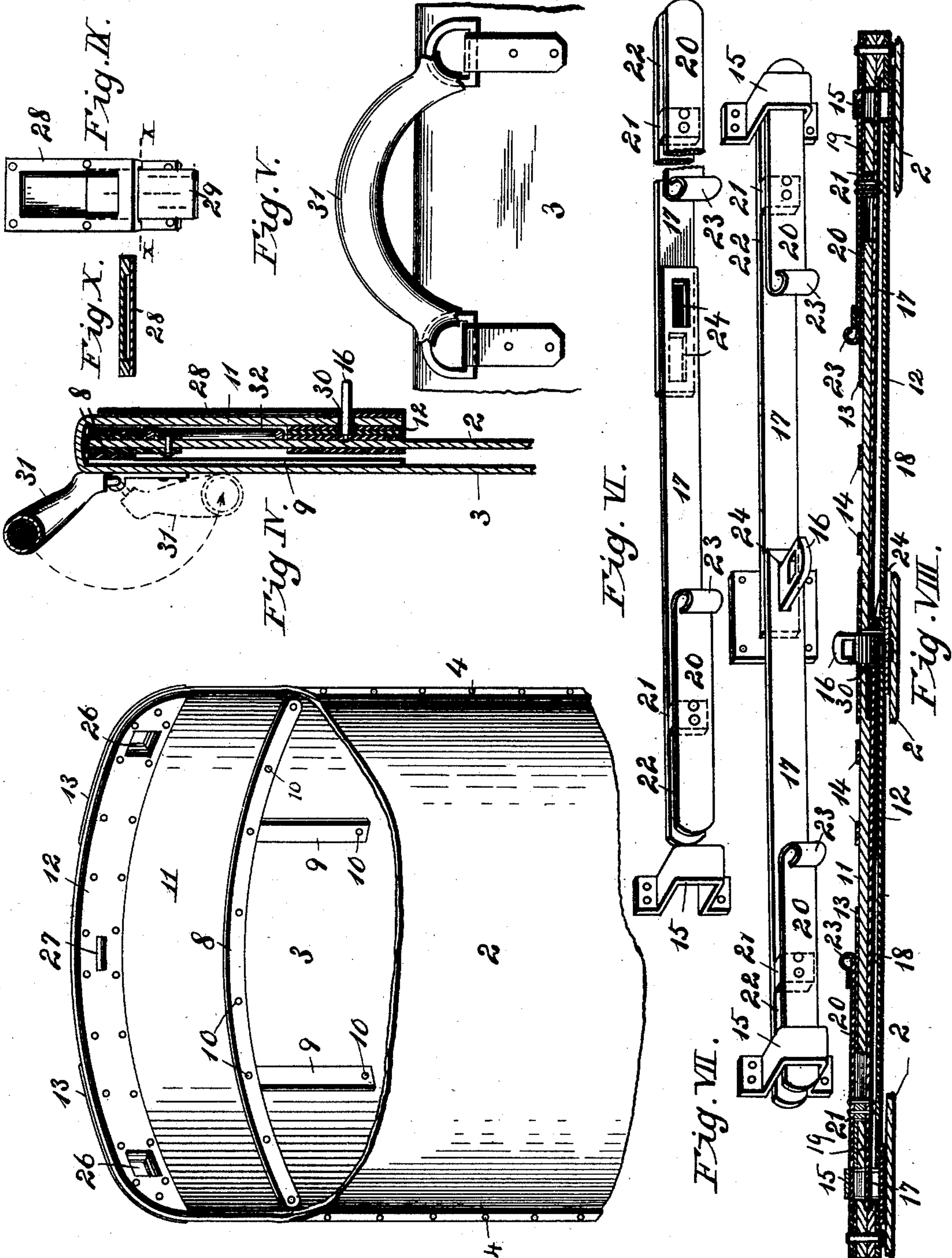
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Witnesses:
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Fig. III.

Inventor:
W. C. Wilson,

By *Arthur B. B. B.* Attys.

UNITED STATES PATENT OFFICE.

WILLIAM C. WILSON, OF KANSAS CITY, MISSOURI, ASSIGNOR OF ONE-HALF
TO JOHN R. FOVAN AND WILLIAM H. EHLERS, OF SAME PLACE.

MAIL-POUCH.

SPECIFICATION forming part of Letters Patent No. 509,711, dated November 28, 1893.

Application filed June 20, 1892. Serial No. 437,295. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. WILSON, of Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Mail-Pouches, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to certain new and useful improvements in locks for mail pouches, and other receptacles; and my invention consists in certain features of novelty hereinafter described and pointed out in the "claims."

Figure I, represents a mail pouch with my device connected therewith, showing the pouch in its locked position. Fig. II, is a perspective view of the pouch showing it in its open position and the flap turned in. Fig. III, is a detail perspective of the open pouch the upper front portion being omitted. Fig. IV, is a section taken on line IV, IV, Fig. I. Fig. V, is an enlarged detail view showing the pivoted handle. Fig. VI, is an enlarged detail perspective of the sliding bolts or bars for locking the pouch, showing the same in their unlocked position. Fig. VII, is a perspective view of the sliding bolts in their locked position. Fig. VIII, is a section taken on line VIII, VIII, Fig. I, the upper side of the figure being the front of the pouch. Fig. IX, is a plan view of the label frame. Fig. X, is a section taken on line X, X, Fig. IX.

Referring to the drawings: 1, represents the body of the pouch consisting of a front section 2, and a rear section 3, the sections being secured to each other at their outer sides by rivets. 4,

5, represents a bottom section secured to the main portion of the pouch by rivets 6, and having a hand strap 7 thereon for handling the pouch. The portions 2, 3, of the pouch are provided with flexible steel braces 8, near their tops to brace the pouch horizontally, and with vertical flexible steel braces 9, to brace the pouch vertically, said braces being secured to the body of the pouch by rivets 10.

11 represents a flap which is an integral part of the portion 3, of the pouch, said flap,

when it is desired to lock the pouch, being folded down over the portion 2, as shown in Fig. I. The upper edge of the flap 11, is provided on its inner side with a flexible steel strip 12, and on its outer side with horizontal steel strips 13, and with vertical cross-strips 14, also preferably made of steel, the object of said strips being to brace and protect the outer edge of said flap, and at the same time, being flexible, to permit of the bending of the same. The strips 12, 13 and 14 are also riveted to the flap as well as the braces.

15, represents staples secured to the portion 2, of the pouch near the outer edge of the same; and 16, represents a staple secured near the center of the pouch.

17, represents a sliding bolt formed in sections and secured within an opening 18, between the main portion of the flap 11, and a strip 12, secured to the main portion by means of suitable rivets. To the main portions of the bolts 17, are secured near their ends, portions 20, as shown at 21, leaving a space between the main portion and the portion 20, as shown at 22, the strip 19, of the flap extending up through the spaces 22, thus serving as an additional guide for the bolt 17.

23, represents a hand piece on the top of the bolts 17, by which means they may be slid forward or back. Each of the bolts 17, are provided near their inner ends with elongated apertures 24, through which the central staple 16, passes when the bolts have been forced outward until their outer ends engage in the staples 15, at which time the openings 22, register with each other, (see Fig. VII) and permit the staple 16, to pass through. After the staple passes through the openings 24, the padlock 25, is connected with said staple and the sliding bolts 17, are securely locked in place, preventing them from being moved and the withdrawal of their outer ends from the staples 15, until the padlock has been removed, and the central staple 16, withdrawn from the elongated apertures 24, at which time they may be slid backward, as shown in Fig. VI, thus releasing the flap from the body of the pouch. The bolts or strips 17, are preferably made of flexible, hardened steel, so as to permit of the bending of the top of the pouch.

26, represents openings in the flap 11,

through which the staples 15, pass when the flap has been folded down upon the body of the pouch; and 27, an opening in the flap through which the central staple 16, passes, said opening 27, in the flap registering with the openings 24, in the sliding bolts when the ends have been forced through the staples 15. It is obvious that the ends of the flap must be locked before the staple 16, can pass through the opening 27, as until the bolts 17, are forced to their outer limit the openings 24, in the inner ends of the bolts will not register with each other, and the staple 16, will not pass through the same; thus the danger of locking the center of the pouch without locking the outer edges of the same is entirely obviated. The outer ends of the bolts 17, extend on either side of the strip 19, when the pouch is locked, thereby rendering a firm brace for the ends of the bolts. (See Fig. VIII.)

28, represents a label frame secured to the outer portion of the flap 11, said frame having an elongated opening 29, for the purpose of viewing the label, which is thrust into said opening before the pouch is locked. After the label has been placed in position, within said frame and the pouch is locked by the staple 16, passing through the opening 27, of the flap, and the opening 30, in the label frame, the label is prevented from withdrawal until such a time as the pouch is re-opened. I thus avoid the danger of loss of labels and the consequent disadvantages.

31, represents a pivoted handle secured to the upper, rear portion of the pouch, and 32, a ring secured to the front upper portion of the pouch; the object of said handle being to handle the pouch and afford a means of supporting the pouch when it is desired to fill the same, the ring 32, also assisting in supporting the pouch while being filled. When it is desired to fill the pouch, the flap 11, is turned within the same, as shown in Fig. II, and the pouch distended in a barrel shape, the flexible strips connected with the top of the pouch holding each part of the pouch firmly and preventing the same from sagging or folding.

I claim as my invention—

1. A mail pouch comprising the flexible horizontal steel braces 8 located on the body of and at the mouth of the pouch, beneath the flap having the flexible vertical steel braces 9 depending therefrom, and the rivets by which the braces are secured to the pouch; substantially as described.

2. A mail pouch comprising a flap 11 having the side staple openings 26, and central staple openings 27 the flexible steel strip 12, on the inner side of the flap, having openings coinciding with the openings in the flap, the flexible steel strips 13, on the outer side of the flap, having openings coinciding with the side staple openings of the flap, and the vertical label holder 28, having an opening 30 coinciding with the central staple opening of the flap; substantially as described.

3. A mail pouch comprising a flap 11, having the side staple openings 26, and central staple opening 27, the flexible strip 12, on the inner side of the flap, having openings coinciding with the openings in the flap, the flexible strips 13, on the outer side of the flap, having openings coinciding with the side staple openings of the flap, the vertical cross strips 14, and the vertical label holder 28, having an opening 30 coinciding with the central staple opening of the flap; substantially as described.

4. A mail pouch comprising a flap 11, having the side staple openings 26, and central staple opening 27, the flexible strip 12, on the inner side of the flap, having openings coinciding with the openings in the flap, the flexible strips 13, on the outer side of the flap, having openings coinciding with the side staple openings of the flap, the vertical label holder 28, having an opening 30 coinciding with the central staple opening of the flap, the side staples 15, and central staple 16, secured to the front of the pouch, means for engaging the side staples in front of the outer strips, and means for engaging the central staple in front of the label holder; substantially as described.

5. A mail pouch comprising a flap 11, having the side staple openings 26, and central staple opening 27, the side staples 15, and central staple 16, secured to the front of the pouch, the flexible bolts 17, on the inner side of the flap, each having an opening 24, coinciding with the central staple opening, the portions 20, of the bolts, on the outer side of the flap, each having a hand piece 23, the vertical label holder 28, having an opening 30, coinciding with the central staple opening and means for locking the central staple in front of the label holder; substantially as described.

WILLIAM C. WILSON.

Witnesses:

JAS. E. KNIGHT,
F. E. MULLETT.