(No Model.)

P. J. PAULY, Jr.

PAPER FILE.

No. 428,517. Patented May 20, 1890.

Fig. I.

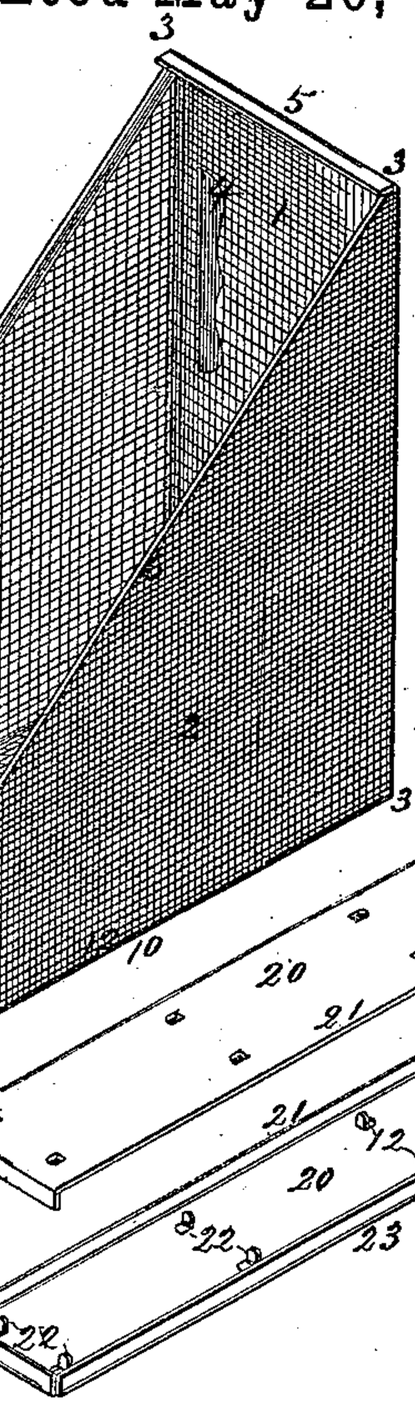

Fig. II.

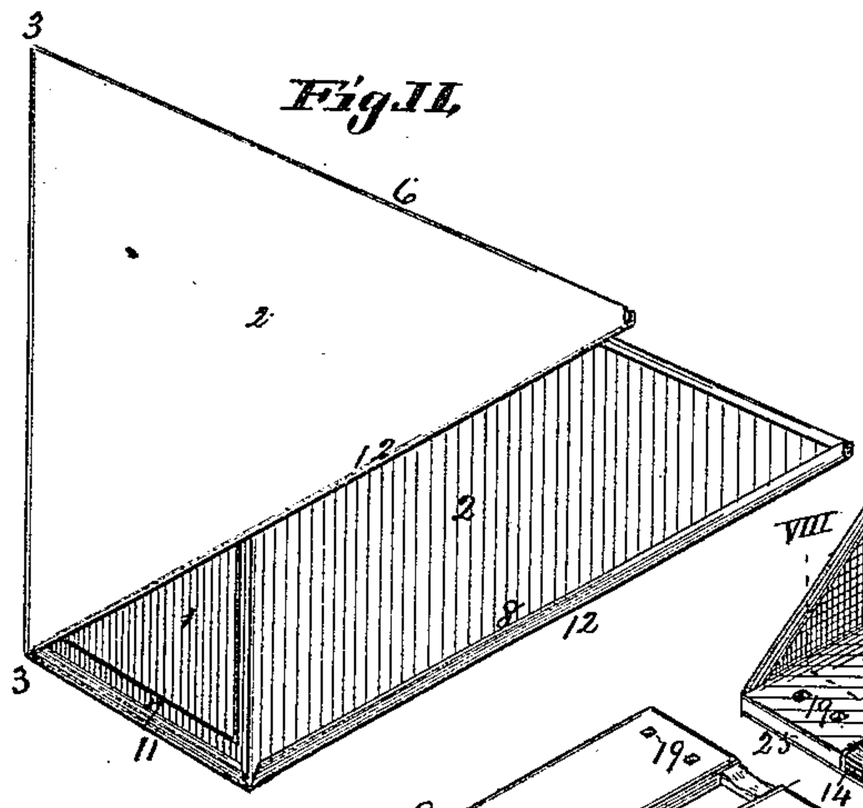

Fig. III.

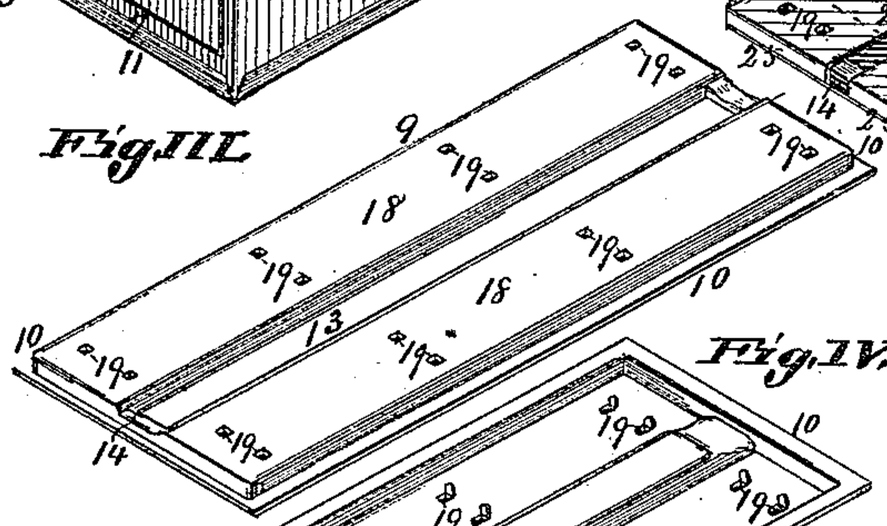

Fig. IV.

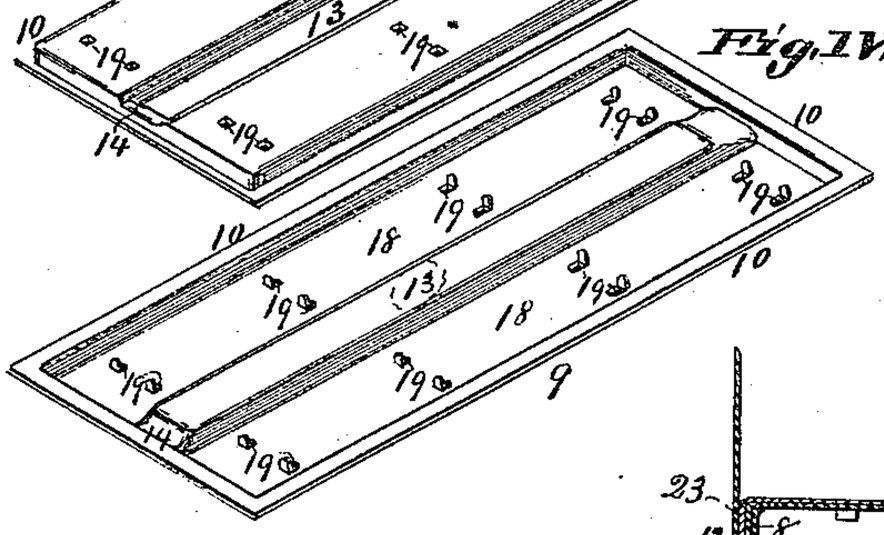

Fig. V.

Fig. VI.

Fig. VII.

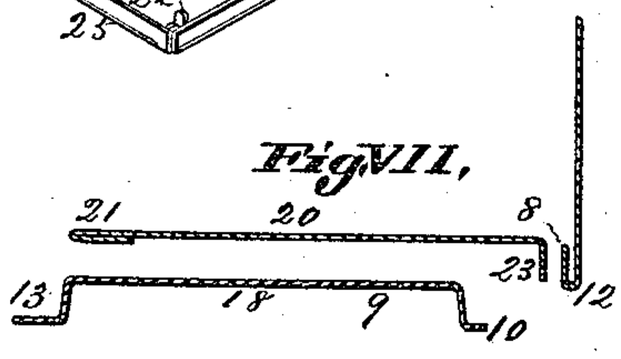

Fig. VIII.

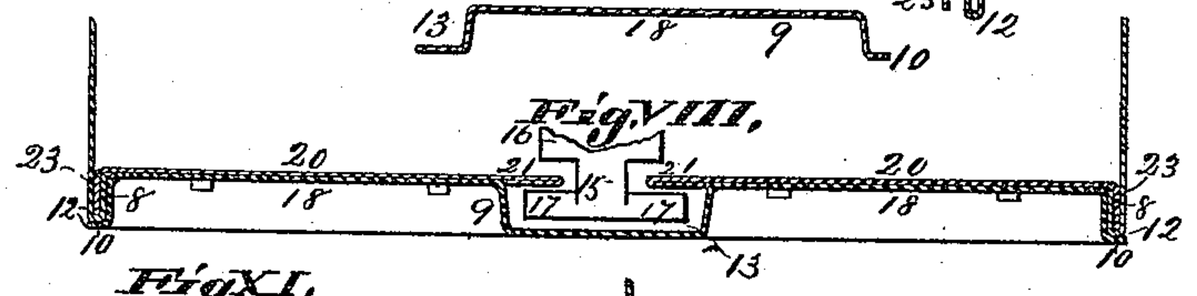

Fig. IX.

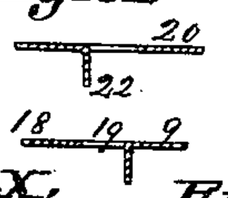

Fig. X.

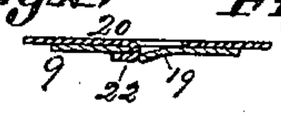

Fig. XI.

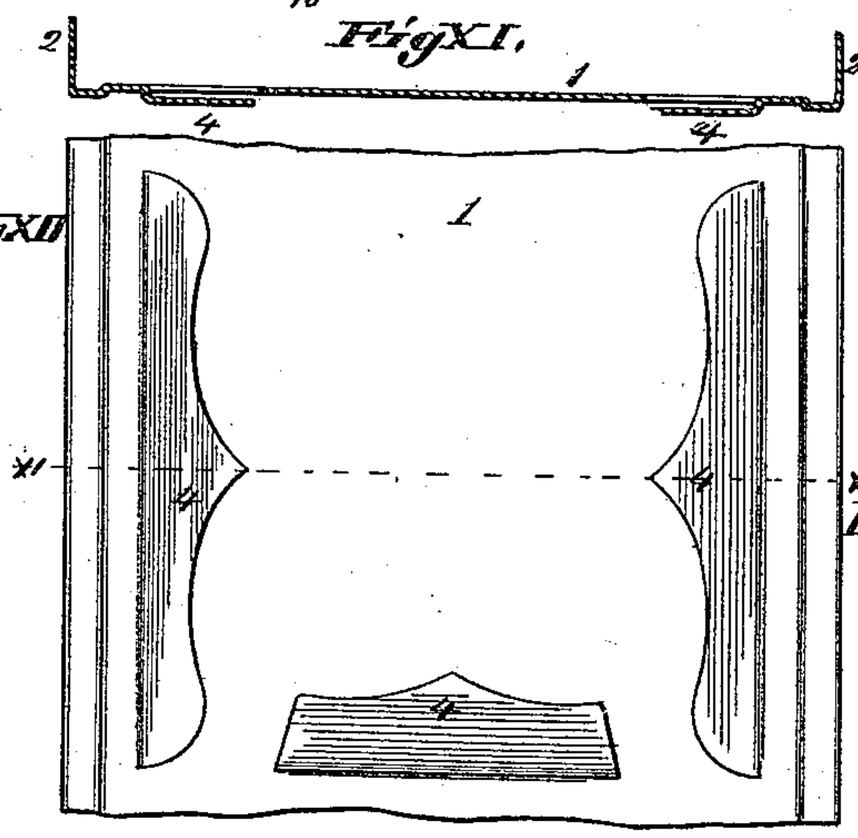

Fig. XII.

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UNITED STATES PATENT OFFICE.

PETER J. PAULY, JR., OF ST. LOUIS, MISSOURI.

PAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 428,517, dated May 20, 1890.

Application filed February 8, 1890. Serial No. 339,744. (No model.)

To all whom it may concern:

Be it known that I, PETER J. PAULY, Jr., of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Paper-Files, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

In this improvement the file is made of sheet metal, and is adapted to receive the Woodruff or analogous follower or file-board having an undercut groove to receive the foot of the supporter.

The invention consists in the described manner of securing together the parts of the file-bottom and the device for holding the label upon the front plate of the file.

Figure I is a perspective view of the file. Fig. II is an under perspective view of the front and side plates. Fig. III is a top perspective view of the bottom plate, and Fig. IV is a bottom perspective view of the same. Fig. V is a perspective view of a cleat-plate, and Fig. VI is a bottom perspective view of the same. Fig. VII is a detail transverse section illustrating the manner of securing the bottom to the side plates. Fig. VIII is an enlarged transverse perspective view at VIII VIII, Fig. I. Figs. IX and X are detail longitudinal sections illustrating the manner of securing the cleat-plates to the bottom plate. Fig. XI is a horizontal section at XI XI, Fig. XII. Fig. XII is a detail front view of part of the front plate, showing the label-holding device.

The front 1 and sides 2 are preferably made in one piece, as shown, being connected by a rectangular corner at 3 3. The front sheet is rectangular and the side sheets triangular.

In order to give means for holding the ticket which indicates the contents of the file, lips 4 are formed by punching the metal, the lips being set out in a plane parallel with the face of the front 1, the edges of the label being inserted beneath the lips. The upper edges 5 6 of the front and sides are turned over to make a smooth and finished edge. (See Figs. I, XI, and XII.) The lower edges 7 8 of the front and sides are turned inward with a return-bend, being so as to be parallel with the front and sides, respectively, to give means for the attachment of the bottom plate 9. (See Figs. II, VII, and VIII.) The bottom plate 9 is formed with a flange 10, which fits against the bottom 11 12 of the front 1 and sides 2.

13 is a channel extending from end to end of the bottom and having a transverse rib 14 at the rear end to prevent the escape of the foot 15 of the follower-support 16, said foot having side studs 17, occupying the channel. (See Fig. VIII.) The parts 18 of the bottom between the flange 10 and channel 13 are in a higher plane than the flange and bottom of the channel and have a number of perforations 19. (See Figs. III, IV, IX, and X.

20 are cleat-plates, which have a length equal to the parts 18 of the bottom and a width somewhat greater, so that when they are laid upon the parts 18 their edges 21 extend somewhat over the edges of the channel and give bearing for the studs 17 of the foot 15 of the follower-supporter. (See Fig. VIII.) The cleats are secured to the bottom by projections and clinches 22, formed in them by punching small portions of the metal downward, the clinches passing through the perforations 19 and being closed up against the under side of the bottom. (See Figs. III, V, VI, and X.) The edge 21 of the cleat-plates is folded over, (see Figs. VI and VII,) while the other edge and the ends are bent downward at right angles in flanges 23, 24, and 25, respectively.

In fixing the bottom to the front and side plates 1 2 the flanges 24 are forced into the the return-bend at 7 of the front and the flange 23 into the return-bends at 8 of the sides. Then the bottom plate 9 is put in position with its parts 18 entering the recesses of the cleats and the parts secured together by clinching the projections or clinches 22 against the under sides of the bottom plate 9.

I claim as my invention—

1. A paper-file formed of sheet metal, the lower edges of the front and sides being turned up and the bottom composed of the plate 9 and cleats 20 secured together, and the cleats having downturned flanges engaging the upturned edges of the front and sides 1 and 2, substantially as set forth.

2. The bottom of a paper-file having a metal

plate 9, with a longitudinal channel 13 and cleat-plates 20, secured to the plate 9, having edges 21 overlapping the edges of the channel, and downturned flanges 23 24, engaging the upturned lower edges of the front and sides of the file, substantially as set forth.

3. A paper-file having a metal bottom consisting of a plate 9, with flanges 10 and channel 13 and apertures 19, and the cleats 20, with projections 22, adapted to pass through the apertures 19 and to be clinched beneath the plate 9, and having edges 21 overlapping the edges of the channel 13, substantially as and for the purpose set forth.

PETER J. PAULY, JR.

In presence of—
SAML. KNIGHT,
THOS. KNIGHT.