No. 833,269. PATENTED OCT. 16, 1906.

A. L. WEIS.

FILE.

APPLICATION FILED OCT. 19, 1903.

2 SHEETS—SHEET 1.

Fig. 1.

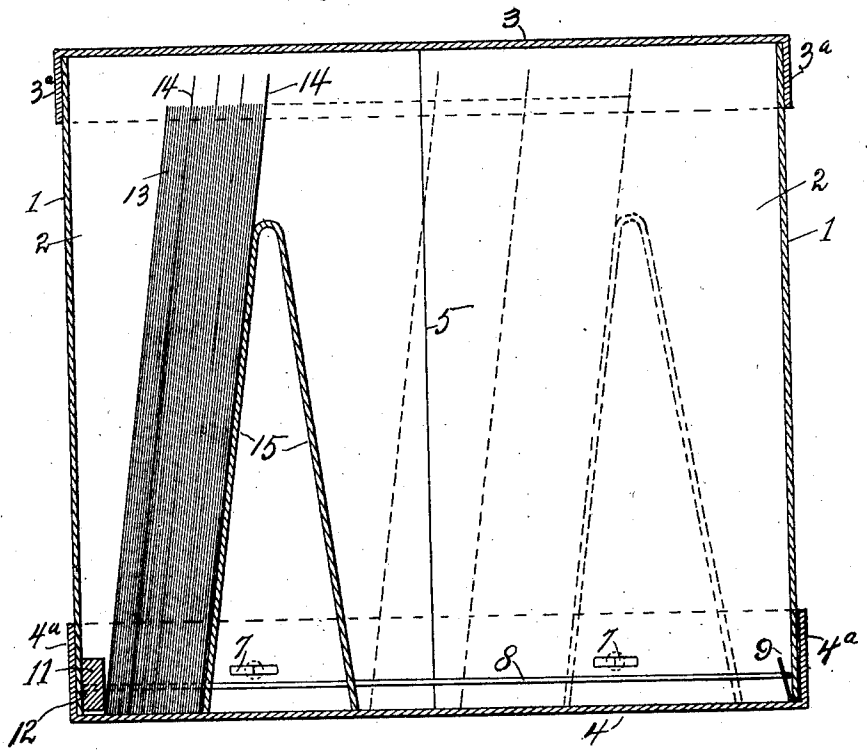


Fig. 2.

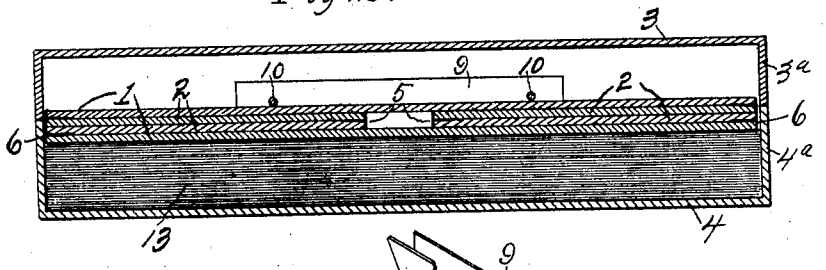
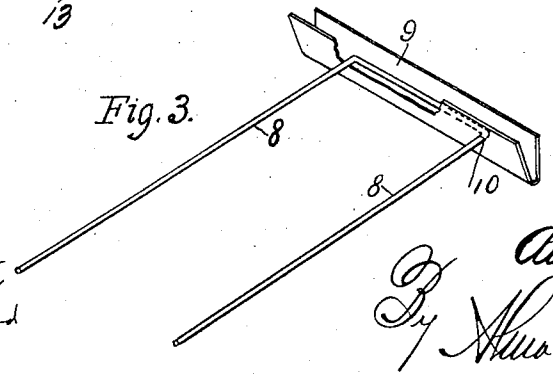


Fig. 3.



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2 SHEETS—SHEET 2.

Fig. 4.

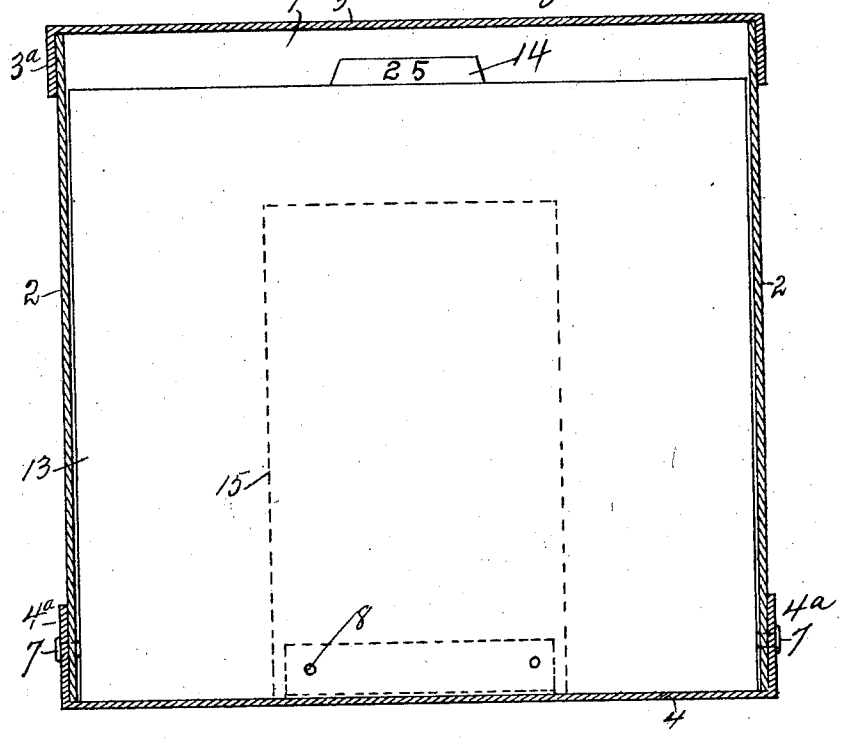
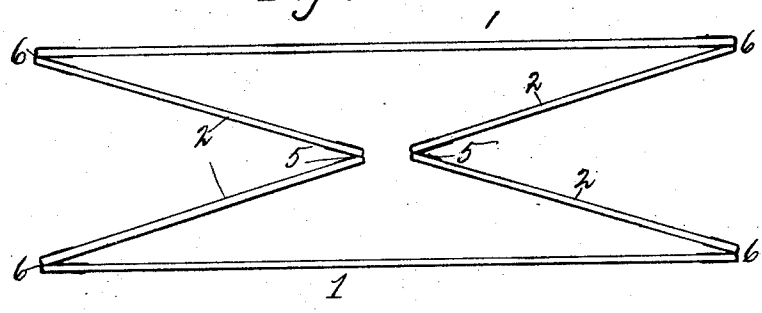


Fig. 5.



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UNITED STATES PATENT OFFICE.

ANDREW L. WEIS, OF TOLEDO, OHIO, ASSIGNOR TO THE WEIS BINDER COMPANY, OF TOLEDO, OHIO.

FILE.

No. 833,269. Specification of Letters Patent. Patented Oct. 16, 1906.

Application filed October 19, 1903. Serial No. 177,524.

To all whom it may concern:

Be it known that I, ANDREW L. WEIS, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented certain new and useful Improvements in Files; and I 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 figures of reference marked thereon, which form a part of this specification.

My invention relates to an indexed or numbered case for filing letters, catalogues, tariffs, orders, invoices, and other papers and documents, and is designed to furnish a cheap, simple, durable, and convenient device for the purposes mentioned which may be folded and packed into small space for storage and shipment, in which the papers contained in the file, regardless of their number, are held constantly in upright or vertical position and readily accessible, and in which the alphabetical or numerical divisions of the case may be adjusted to any desired capacity. I attain these objects by means of the devices and arrangement of parts hereinafter described and shown, and illustrated in the accompanying drawings, in which—

Figure 1 is a central vertical sectional elevation of my filing-case assembled ready for use; Fig. 2, a like elevation of my case "knocked down" for storage or transportation; Fig. 3, a perspective view of the guide-wire and its holder, hereinafter referred to, detached, part of the holder being broken away; Fig. 4, a central vertical sectional elevation of my case, taken at a right angle to the view in Fig. 1; and Fig 5 a diagrammatic top plan view of the sides and ends of my case partly folded.

Like numerals of reference indicate like parts throughout the drawings.

In the drawings, 1 1 are the ends, 2 2 the sides, 3 the top, and 4 the bottom, of my case. In practice I have constructed these parts of stout strawboards reinforced at the joints and corners with cloth. The top has a flange 3^a, which fits over the top margin of the case, and the bottom has a flange 4^a, which receives the bottom margin of the case. Each of the sides 2 2 is divided vertically into two equal parts the meeting edges of which are pivotally or flexibly united, as at 5, by means of strips of cloth glued to and connecting the margins of the two parts, so that the two parts of each of the sides may be folded upon each other in parallel relation, as indicated in Figs. 2 and 5. To permit this folding, the outer vertical margins of the sectional side portions are also pivotally or flexibly connected with the vertical margins of the end pieces, as at 6, by means of strips of cloth glued to the margins of the ends and sides. The sides and ends may be secured in rectangular relation by means of staples or fasteners 7, passing through the bottom rim 4^a and through the bottom margin of the folding side pieces 2, the staples being clenched on the inside of the case, as indicated in Fig. 1. A staple 7 passes through each of the four folding side pieces, and when these staples are secured to the upwardly-projecting rim 4^a the sides and ends are firmly held open in rectangular relation.

8 8 are two guide-wires or slide-wires extending between the ends near the bottom of the box. These slides 8 are detachably secured in position as follows: A thin strip of sheet metal 9 is doubled lengthwise, as illustrated in Fig. 3, and is provided with holes, as at 10. The ends of a stiff wire 8, bent into U shape, as illustrated in Fig. 3, are passed through the holes 10, so that the connecting portion of the two wires lies between the two sides of the doubled strip 9. 11 is a small light block of wood glued to one end of the box at its bottom and midway of its width. In this block are two holes or sockets 12, coinciding with the holes 10. The bottom of the end wall opposite the block 12 is slipped into the groove of the piece 9, as illustrated in Fig. 1, holding the piece 9 firmly in position, and at the same time the extremities of the wires 8 are slipped into the holes 12 of the block 11, and thus the guide-wires or slide-wires 8 8 are secured at opposite ends slightly above the bottom box.

13 13 are sheets of stout stiff paper having at bottom two holes through which the wires 8 8 pass. These papers may be divided into alphabetical or numerical or other divisions by securing to the upper margin of the sheets at suitable intervals indicating-tabs 14, which mark the groups into which the sheets 13 are divided.

15 is a stout binders' board doubled at its

middle into inverted-V shape, each of the two extremities having two holes therethrough, through which holes pass the wires 8 8.

When my filing-case is packed for shipment, the leaves 13 are laid flatwise in the bottom of the box. The sides and ends are folded flat in parallel relation, as indicated in Fig. 5, and laid upon the top of the folded leaves. The wire 8, piece 9, and piece 15, together with the clips, are laid upon the top of the folded ends and sides, and the cover is placed with the marign of its downwardly-turned rim against the margin of the upwardly-turned rim of the bottom. The parts thus assembled are of the thickness merely of the top and bottom taken together and form a flat compact package. When the case is to be set up for use, the ends of the wires 8 8 are passed through the holes 10 in the piece 9 and through the piece 15, the sheets 13 are strung onto the ends of the wires, the sides and ends are opened into rectangular position and the ends of the wires are inserted into the holes 12 in the block 11, the bottom of the opposite end of the box is slipped into the groove of the bent piece 9, the bottom of the sides and ends is slipped into the upturned flange of the bottom, the folding parts of the sides are connected with the flange of the bottom by means of the fasteners 7, and the cover is put in place. The device is now ready for use. By slipping the two legs of the part 15 toward the sheets 13 the latter are held in compact form and vertical, or nearly so. As papers are filed between the lettered and numbered sheets 13 and as their bulk increases the part 15 is moved back from time to time, as occasion may demand, until the box is full. It will be seen that the horizontal adjustability of the part 15 provides for always keeping the papers in compact form and in upright position, so that the files may at any point be readily reached and inspected.

Having described my invention and its operation, what I claim, and desire to secure by Letters Patent, is—

1. In a filing-case, sides and ends which flexibly connected together and adapted fold in parallel relation, a bottom having upturned rim adapted to receive the bott margin of the sides and ends, said bott margin of the sides and ends and said turned rim having apertures therethro for fastening devices, and means for det ably securing the bottom margin of the s and ends to said upturned rim through apertures.

2. A filing-case comprising in its const tion ends, sides which are centrally vertic divided, flexible connections between meeting margins of the divided porti flexible connections between the outer v cal margins of the divided portions and vertical margins of the ends, a bottom ing an upturned rim, means for detach engaging the said rim with the bottom o vertical walls of the case, removable sep ing-sheets slidably secured within the and means slidably secured within the for supporting said sheets in adjusted right position.

3. In a filing-case, a bottom having a wardly-turned rim, a removable top h a downwardly-turned rim, sides and adapted to be folded into parallel rel a series of dividing-sheets in the box, r for slidably supporting said dividing-s within the box in upright position, com with means for detachably fastening th tom margins of the sides and ends to t turned rim of the bottom, the dimensi said folding sides, ends, sheets, supp means and fastening devices being suc they may be collectively inclosed with space bounded by the meeting rims of t and bottom.

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

ANDREW L. W

Witnesses:
H. J. SHILLENDEN,
S. A. DORLAND.