July 21, 1925. 1,546,421

P. A. WETZEL

FILING CABINET DRAWER

Filed Sept. 7, 1920

Fig. 1

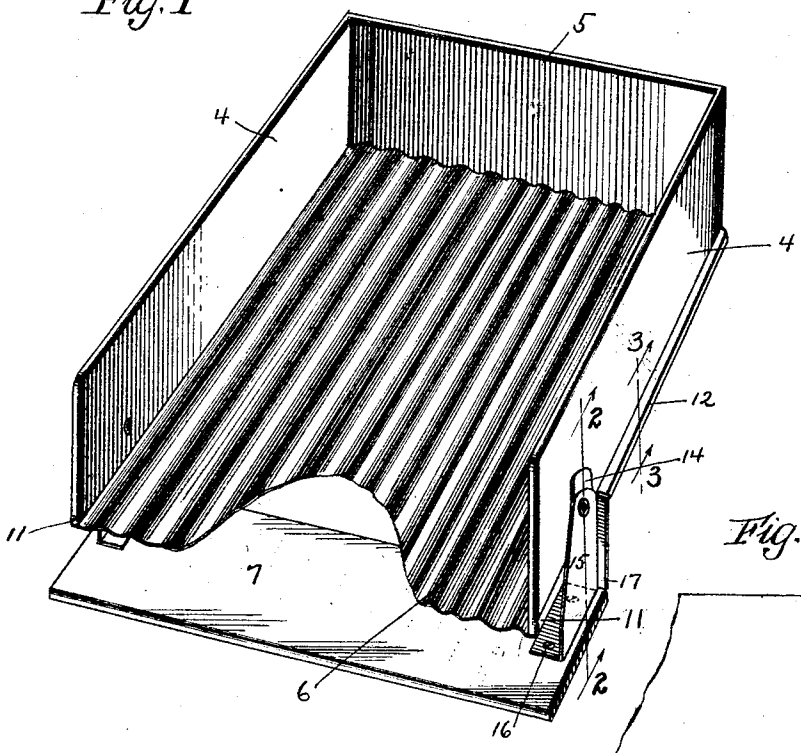


Fig. 2

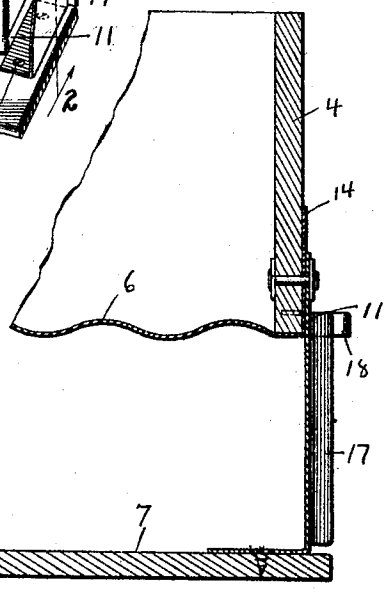
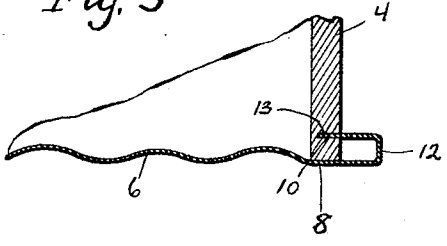


Fig. 3



Inventor
Peter A. Wetzel
By. Frank H. Drury
Atty.

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PETER A. WETZEL, OF CHICAGO, ILLINOIS.

FILING-CABINET DRAWER.

Application filed September 7, 1920. Serial No. 408,572.

To all whom it may concern:

Be it known that I, PETER A. WETZEL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Filing-Cabinet Drawers, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawing, forming a part of this specification.

My invention relates to improvements in filing cabinet drawers, and has for its object the production of a device in which the metallic bottom of the drawer is so constructed as to work in the cabinet with the least possible friction.

A further object is the production of a device in which new and novel means are provided for sustaining the drop front of the cabinet.

A further object is the production of a device involving improved means for strengthening the bottom of the drawer.

A further object is the production of a device involving new and novel means for preventing warping of the drawer.

A further object is the production of a device of simple construction, and one not liable to get out of order.

These and such other objects as may appear hereinafter are attained by my device, an embodiment of which is illustrated in the accompanying drawing, in which—

Figure 1 is a perspective view of the drawer embodying my improved invention;

Fig. 2 is an enlarged sectional view of Fig. 1 showing the method of connecting the drop front; and

Fig. 3 is a perspective view of a fragment of a filing cabinet.

Like numerals of reference indicate like parts in the several figures of the drawing.

Referring now to the drawing—my improved drawer comprises side members 4, 4, a rear 5, a bottom 6, and a drop front 7. The bottom is formed from metal, preferably corrugated, as shown in Fig. 1, and extending out under the sides, as shown at 8, turned upwardly on the outside, as shown at 12, and bent inwardly, as shown at 10, and entering corresponding grooves in the outer surface of the side walls.

The front portion shown at 11 is reduced in width to provide for the drop front, as will be hereinafter explained. The rear three-fourths of the bottom is extended out, as shown at 12, quite a bit beyond the outer edge of the side wall, and forming metallic flanges designed to enter corresponding grooves 13 in the cabinet.

The metal bottom is turned upwardly in the rear the same as at the sides, and the metal bent inwardly and fitted within a similar groove (not shown) in the rear wall. The bottom member has an outwardly extending ear 14 turned upwardly and hugging the side of the drawer, serving as a support for the triangular plates 15 to which the drop front 7 is secured in any way, as for instance, screws 16.

The vertical side of the triangular member 15 is turned outwardly, as shown at 17, forming a slide, being, in effect, a continuation of the member 12 shown in Fig. 1 when the drawer is closed. When the drop front is open and swung back, the upper portion of the slide 17 strikes against the end 18, which acts as a stop and prevents the further movement of the drop front.

By the use of this construction, a very stiff drawer is provided, the corrugated bottom serves to further stiffen the structure, and no wear of any sort is imposed on the wooden portion of the drawer, and yet all the advantages of the wooden drawer are secured without any of the disadvantages of the steel drawer.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent of the United States—

1. A drawer for filing cabinets comprising sides and an end, said sides having longitudinal grooves in their outer faces near the bottom, a metallic bottom extending under and beyond said sides, and flanges extending upwardly and inwardly from the margin of the bottom to form hollow runners for the drawer, the inwardly extending flanges being extended into the grooves to form an interfitting connection with the sides.

2. A drawer for filing cabinets comprising sides of wood and an end of wood, said sides having longitudinal grooves in their outer faces near the bottom, a metallic bottom extending under and beyond said sides, and flanges extending upwardly and inwardly from the margin of the bottom to form hollow runners for the drawer, the inwardly extending flanges being extended into the grooves to form an interfitting connection with the sides.

3. In a filing cabinet, a drawer comprising side members and an end member, a drop front, said members having longitudinal grooves in their outer surfaces near the bottom, and a metallic bottom extending under said sides and end and upwardly entering said grooves.

4. In a filing cabinet, a drawer having sides, an end, a metallic bottom engaging said sides and end and having upwardly extending ears on either side, and a drop front pivotally mounted on said sides and ears.

5. In a filing cabinet, a drawer having sides, an end, a metallic bottom engaging said sides and end and having upwardly extending ears on either side, a drop front, supporting members therefor, one end of which is rigidly secured to the inner face of said front, and the other end pivotally secured to the ear and side.

6. In a filing cabinet, a drawer having sides, an end, a metallic bottom engaging said sides and end and having upwardly extending ears on either side, a drop front, supporting-members therefor, one end of which is rigidly secured to the inner face of said front, and the other end swingingly mounted on a pivot passing through said ear and side.

In witness whereof, I have hereunto subscribed my name.

PETER A. WETZEL.