

(No Model.)

J. S. BENNETT.
BOX OR DRAWER.

No. 512,091.

Patented Jan. 2, 1894.

Fig. 1

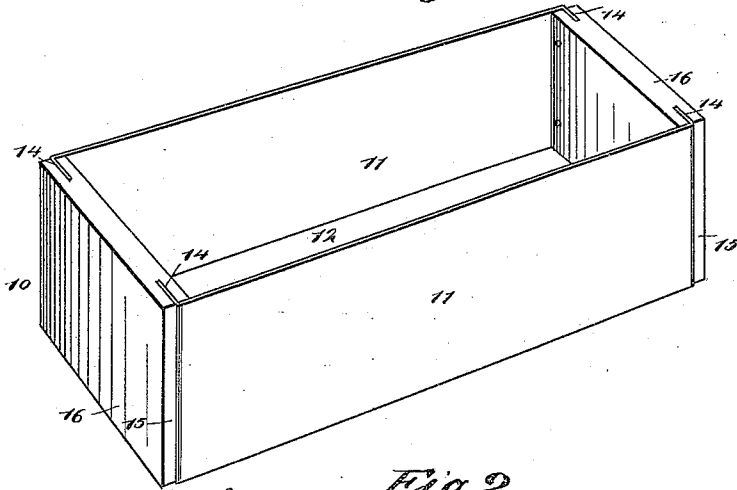
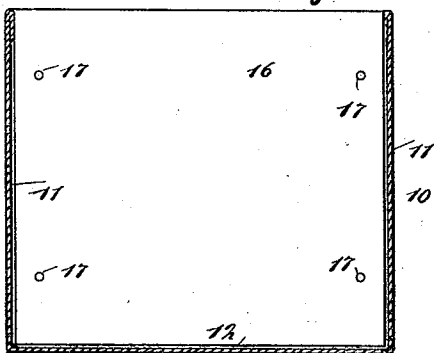
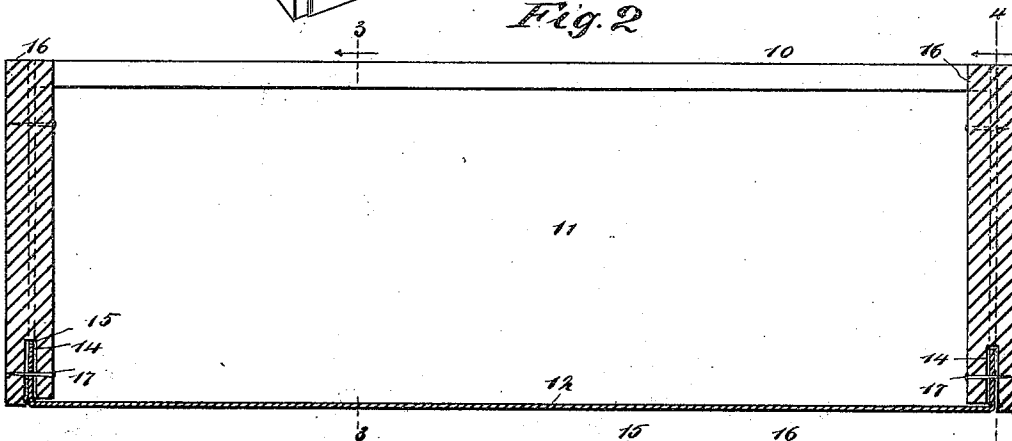


Fig. 2



WITNESSES:

Fig. 3

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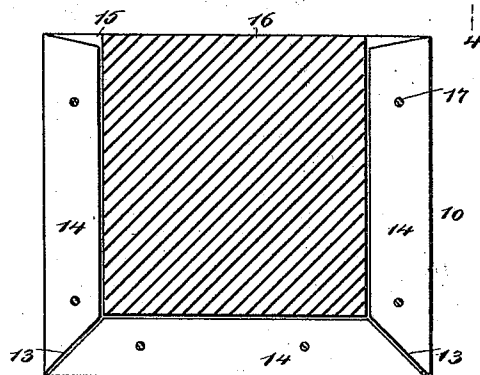


Fig. 4

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JOSEPH S. BENNETT, OF WINNIPEG, CANADA.

BOX OR DRAWER.

SPECIFICATION forming part of Letters Patent No. 512,091, dated January 2, 1894.

Application filed May 10, 1893. Serial No. 473,720. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH S. BENNETT, of Winnipeg, Manitoba, Canada, have invented a new and Improved Box or Drawer, of which the following is a full, clear, and exact description.

My invention relates to improvements in boxes, drawers, and similar receptacles, and relates particularly to that class of boxes or drawers which are used for holding articles of hardware, but may be used for other purposes. Such boxes are used for storing goods on shelves in stores and are subjected to a good deal of wear and handled frequently, have samples attached to them and are also usually provided with tags or other descriptive matter which are tacked or otherwise secured to the ends of the boxes. Boxes or drawers of this class should therefore be light and strong, and free from rough edges or nail heads on the outside.

The object of my invention is to produce a box or drawer which combines the qualities specified, and which is particularly adapted for holding articles of hardware.

To this end my invention consists of certain features of construction and combinations of parts, as will be hereinafter described and claimed.

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

Figure 1 is a perspective view of the box or drawer embodying my invention. Fig. 2 is a longitudinal section of the box or drawer. Fig. 3 is a cross section on the line 3—3 in Fig. 2; and Fig. 4 is a cross section on the line 4—4 in Fig. 2, showing the manner in which the box blank is bent to facilitate its attachment to the ends of the box.

The box or drawer 10 has its sides 11 and bottom 12 formed of a single piece of metal such as sheet iron, which may be easily bent to the required shape, and the sheet of metal is cut diagonally at a point coincident with the lower corners and at the ends of the box, as shown at 13 in Fig. 4, so as to form flaps or flanges 14 which are adapted to fold inward at right angles to the sides and bottom and which are adapted to lie in grooves or kerfs

in the sides and bottom edges of the box ends 16. The box ends are formed preferably of wood, although other material possessing the requisite lightness and strength and being sufficiently soft to permit a small wire nail to be driven into it, may be used, and the ends are rabbeted so that the box bottom is level with the lower edges of the box. The flanges 14 are held in the kerfs or grooves of the box ends by small wire nails 17 which are driven through the inner sides of the box ends and through the flanges, these nails being of such length that they will not project through the ends of the box, and consequently the box ends are, on their outer sides, perfectly smooth.

Boxes, constructed in the manner described, may be very cheaply made, and it will be seen that as there are no corners or rough edges of metal exposed, or nail heads on the outside, the boxes are perfectly smooth and may be handled without fear of scraping the hands or anything else with which they come in contact, also that they work smoothly on the shelves and against each other. From the position of the nails it will be seen that the boxes are proof against any ordinary strain and are practically unbreakable.

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

1. A rectangular box, drawer, or similar article, comprising suitable end pieces and sides and bottom, formed of a single piece and having their ends bent at right angles and embedded in the end pieces, substantially as described.

2. As an improved article of manufacture, a box, drawer, or other similar article, comprising suitable end pieces having grooves in the side and bottom edges, the sides and bottom of the box being formed of a single metallic sheet, and the bottom having vertical flanges at the ends and the sides having inwardly projecting flanges at right angles to their ends, the grooved bottom and sides of the box ends receiving said flanges, substantially as described.

JOSEPH S. BENNETT.

Witnesses:

JOSEPH H. COOK,

BENJAMIN F. BENNETT.