B. A. RUSSELL.

PORTABLE METALLIC TOOL CHEST.

APPLICATION FILED JULY 13, 1909.

949,502.

Patented Feb. 15, 1910.

2 SHEETS—SHEET 1.

Fig. 1.

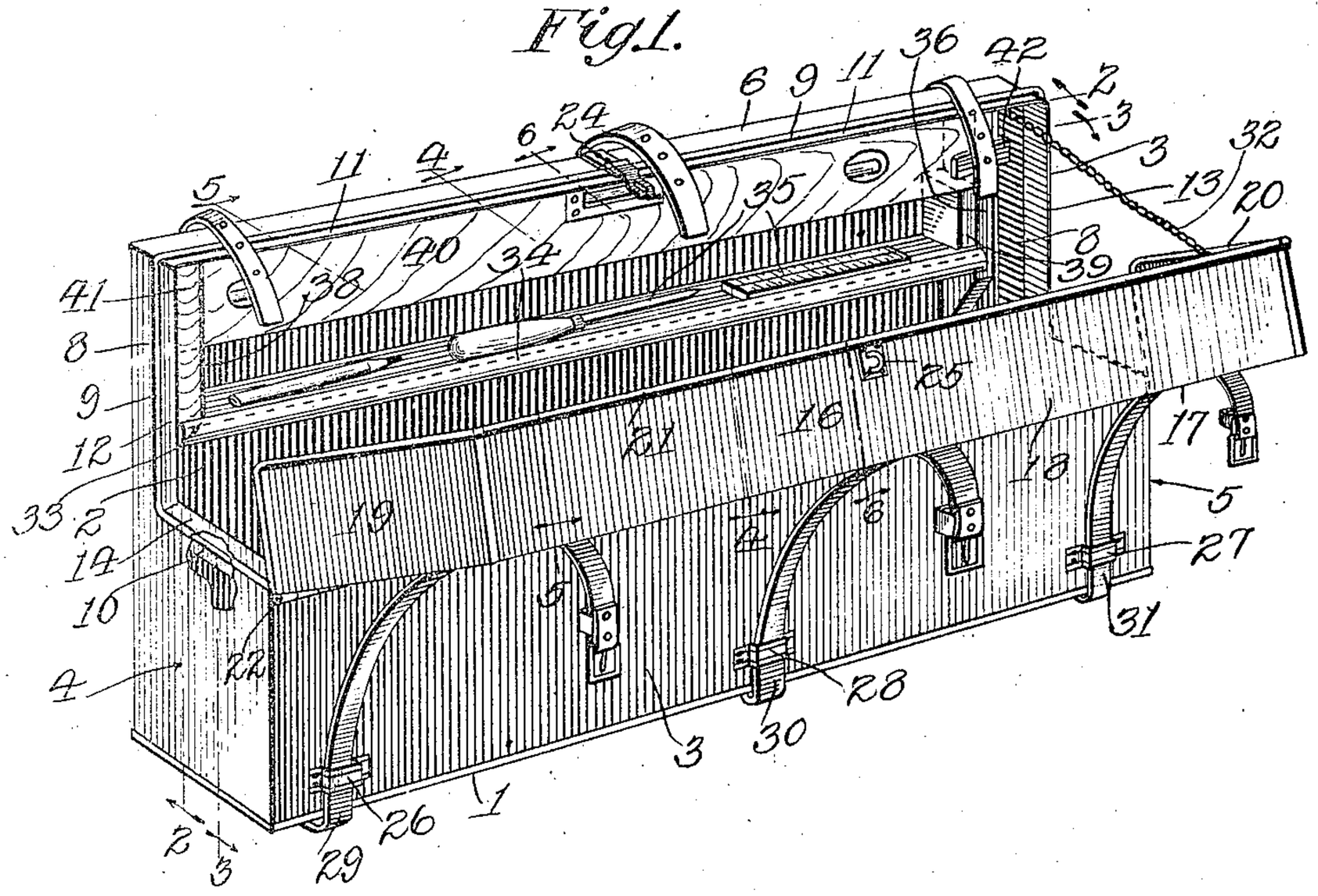
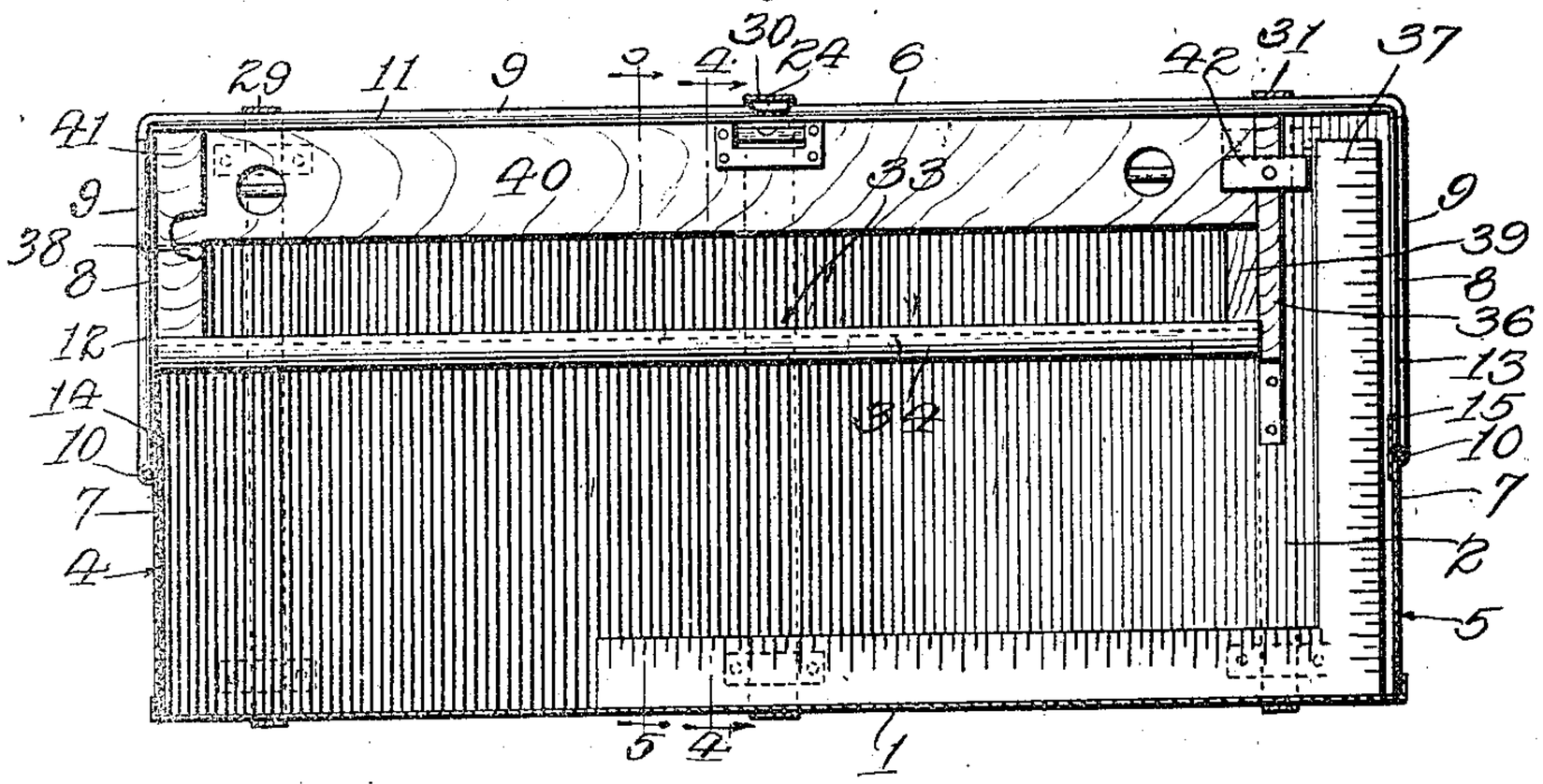


Fig. 2.



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"

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2 SHEETS—SHEET 2.

Fig. 3.

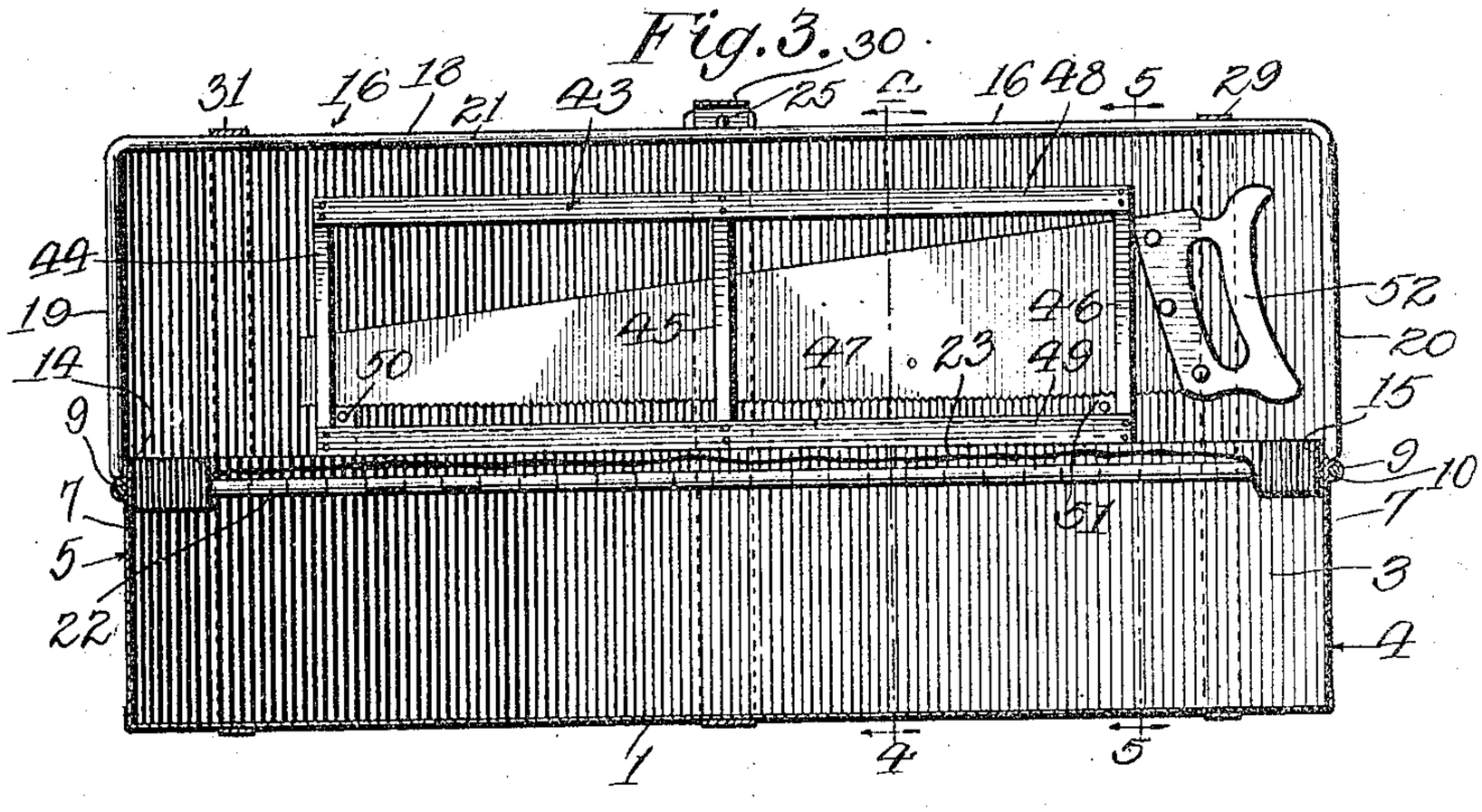


Fig. 4.

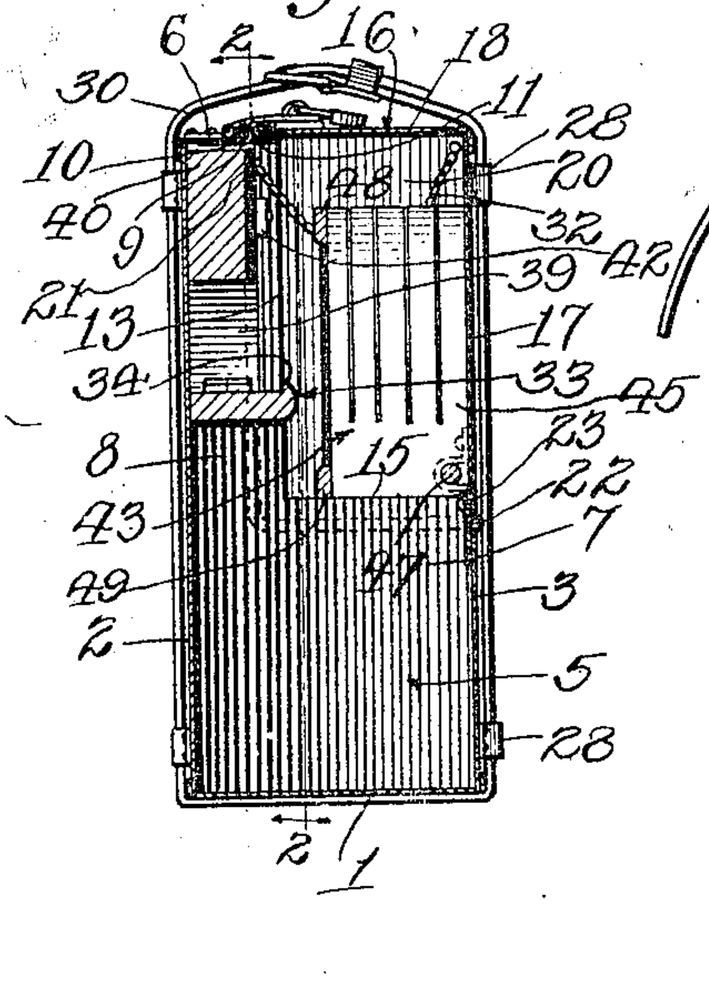


Fig. 5.

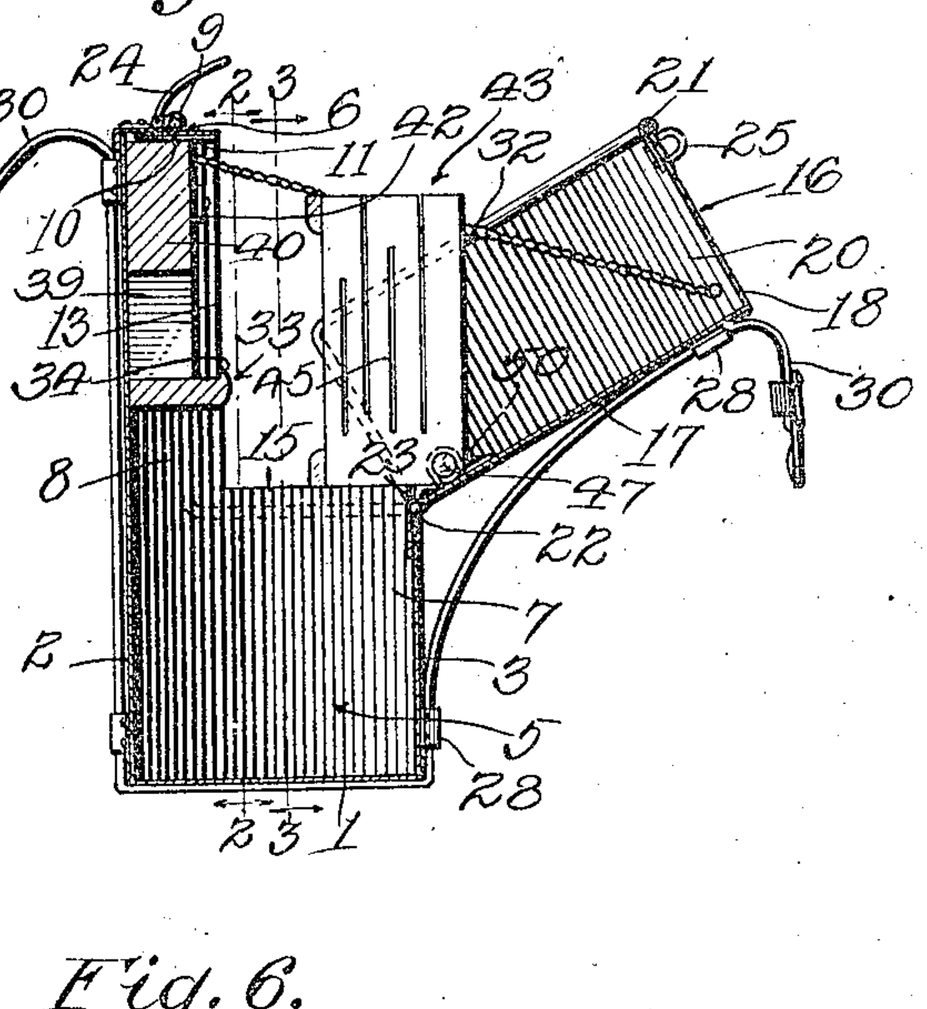
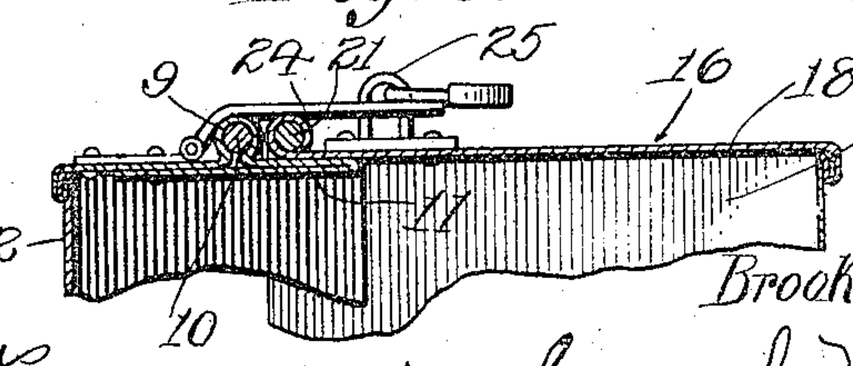


Fig. 6.



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UNITED STATES PATENT OFFICE.

BROOKS A. RUSSELL, OF LOS ANGELES, CALIFORNIA.

PORTABLE METALLIC TOOL-CHEST.

949,502. Specification of Letters Patent. Patented Feb. 15, 1910.

Application filed July 13, 1909. Serial No. 507,413.

To all whom it may concern:

Be it known that I, BROOKS A. RUSSELL, a citizen of the United States, residing at Los Angeles, California, have invented a new and useful Portable Metallic Tool-Chest, of which the following is a specification.

My object is to make a portable tool chest for carpenters, and the like, which shall be light, durable, convenient and inexpensive.

In the drawings:—Figure 1 is a perspective of a portable metallic tool chest, embodying the principles of my invention. Fig. 2 is a vertical longitudinal section on the line 2—2 of Figs. 1, 4 and 5, and looking to the left, as indicated by the arrow. Fig. 3 is a view analogous to Fig. 2 and taken on the line 3—3 of Figs. 1, 4 and 5, and looking to the right, as indicated by the arrow. Fig. 4 is a cross-section as indicated by the line 4—4 in Figs. 1, 2 and 3. Fig. 5 is a cross-section as indicated by the line 5—5 in Figs. 1, 2 and 3. Fig. 6 is a fragmental detail on an enlarged scale on the line 6—6 in Fig. 1.

Referring to the drawing in detail, the main body of the tool chest comprises the bottom 1, the back 2, the front 3, the ends 4 and 5 and the rigid top 6, of sheet metal, all secured rigidly together. The front 3 is substantially one-half as high as the back 2, and the rigid top 6 is substantially one-quarter as wide as the bottom 1, the front three-quarters 7 of the ends 4 and 5, being the height of the front 3 and the remaining one-fourth 8 of the ends, being as high as the back 2, thus forming an opening. A bead 9 is pressed outwardly along the edge of the rigid top 6, along the front edges of the end portions 8, and along the top edges of the end portions 7, and the sheet metal extends beyond the beads, a wire 10 is inserted into the bead from the inside, and the sheet metal is turned inwardly and backwardly beyond the wire, thus forming the flanges, 11, 12, 13, 14 and 15 projecting forwardly and upwardly from the bead and wire.

The cover 16 comprises the front 17, the top 18, and the ends 19 and 20, all of sheet metal secured rigidly together, and beaded, and a wire 21 is inserted in the bead along the rear edge of the top 18, along the rear edges of the ends 19 and 20, and along the lower edges of the ends 19 and 20, this wire edge being adapted to slide over the flanges 11, 12, 13, 14 and 15 and against the bead 9. The upper edge of the front 3 is notched and rolled and the lower edge of the front 17 is notched to fit in the notches of the front 3 and rolled and a wire 22 is inserted so as to hinge the cover in place. A strip of sheet metal is secured against the inner face of the front 3 and extends upwardly beyond the wire 22 to form the flange 23. A hasp 24 is secured to the rigid-top 6 and a staple 25 is secured to the top 18 to be engaged by the hasp. A set of loops 26 is secured in transverse alinement at one end of the tool chest, and there is a second set of loops 27 at the other end, and a third set 28 at the center, and straps 29, 30 and 31 are inserted into the loops and extend around the tool chest to hold the cover closer, the middle strap 31 being loose to serve as a handle for carrying the tool chest. A chain or cord 32 limits the outward swing of the cover 16.

A shelf 33 is secured to the inner face of the upper part of the back 2, and a flange 34 extends upwardly from the forward edge of the shelf, to form a receptacle for the small tools 35. The shelf and flange are shorter than the tool chest and a parting strip 36 is inserted and extends upwardly to the rigid top, so as to form a space for the upper end of the carpenter's square 37. Blocks 38 and 39 extend upwardly from the ends of the shelf 33 to support the carpenter's level 40. A stop 41 extends upwardly from the block 38 in front of the level and a button 42 holds the other end of the level removably in place. The saw-tray 43 comprises the three slotted up-rights 44, 45 and 46 secured together by the roller 47 and the slats 48 and 49. Straps 50 and 51 encircle the roller 47 and are secured to the lower inner face of the front 17 so as to hinge the saw-tray in place, so that when the cover 16 swings open the saw-tray may swing to an upright position for removing and inserting the saws 52. The flange 23 serves as a stop to hold the saw-tray upright.

I wish to call especial attention to the wired bead 9 set back from the edge of the main body and the wired edge of the cover overlapping the edge of the main body against the wired bead, thus making a very strong construction. Also to the hinged saw-tray.

I claim;

1. In a portable metallic tool chest, a bot-

tom, a back extending upwardly from the bottom, a front extending upwardly from the bottom; the front being substantially half the height of the back; ends extending upwardly from the bottom and connecting the back and the front; the front three-quarters of the ends being the height of the front and the rear one-quarter of the ends being the height of the back; a rigid top extending forwardly from the back and connecting the upper rear quarters of the ends, a bead extending outwardly along the front edge of the top and downwardly along the front edges of the rear quarters of the ends and forwardly along the top edges of the forward three-quarters of the ends, and flanges extending beyond the bead; all of sheet metal, the metal forming the flanges being turned inwardly and backwardly beyond the bead; and a wire in the bead.

2. In a portable metallic tool chest, a bottom, a back extending upwardly from the bottom, a front extending upwardly from the bottom; the front being substantially half the height of the back; ends extending upwardly from the bottom and connecting the back and the front; the front three-quarters of the ends being the height of the front and the rear one-quarter of the ends being the height of the back; a rigid top extending forwardly from the back and connecting the upper rear quarters of the ends, a bead extending outwardly along the front edge of the top and downwardly along the front edges of the rear quarters of the ends and forwardly along the top edges of the forward three-quarters of the ends, and flanges extending beyond the bead; all of sheet metal, the metal forming the flanges being turned inwardly and backwardly beyond the bead; and a wire in the bead, and a cover hinged to the upper edge of the front and overlapping the flanges and having a wired edge fitting against the wired bead.

3. In a portable metallic tool chest, a bottom, a back extending upwardly from the bottom, a front extending upwardly from the bottom; the front being substantially half the height of the back; ends extending upwardly from the bottom and connecting the back and the front; the front three-quarters of the ends being the height of the back; a rigid top extending forwardly from the back and connecting the upper rear quarters of the ends, a bead extending outwardly along the front edge of the top and downwardly along the front edges of the rear quarters of the ends and forwardly along the top edges of the forward three-quarters of the ends, and flanges extending beyond the bead; all of sheet metal, the metal forming the flanges being turned inwardly and backwardly beyond the bead; and a wire in the bead, a shelf below the rigid top, a flange extending upwardly from the forward edge of the shelf, said shelf and flange being shorter than the rigid top, a parting strip inserted between the short end of the shelf and the rigid top, blocks inserted above the ends of the shelf to form level supports, a stop extending upwardly from one block and a button at the other end to hold the level in place.

4. In a portable metallic tool chest, a main upright body of sheet metal, a horizontal shelf in the upper part of the upright body and shorter than the upright body, a flange extending upwardly from the forward edge of the shelf, blocks extending upwardly from the shelf for supporting a level, a stop extending upwardly from one of the blocks for holding the level in place, a parting strip secured in the upright body at the short end of the shelf to form space for a square, and a button attached to the parting strip for holding the other end of the level in place.

5. In a portable metallic tool chest, a main upright body, the forward edge of the upright body being substantially half as high as the rear edge, an upright cover hinged to the front of the upright body at a point outside of and below the edge, a saw tray hinged in the upright cover somewhat above the lower edge, and a stop to limit the outward swing of the upright cover; so that when the upright cover is in its open position the saw tray may be swung to a vertical position and rest upon the upper forward edge of the upright body.

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