June 9, 1925. 1,541,211

L. E. FORD

TOOL RECEPTACLE OR CARRIER

Filed Nov. 22, 1923

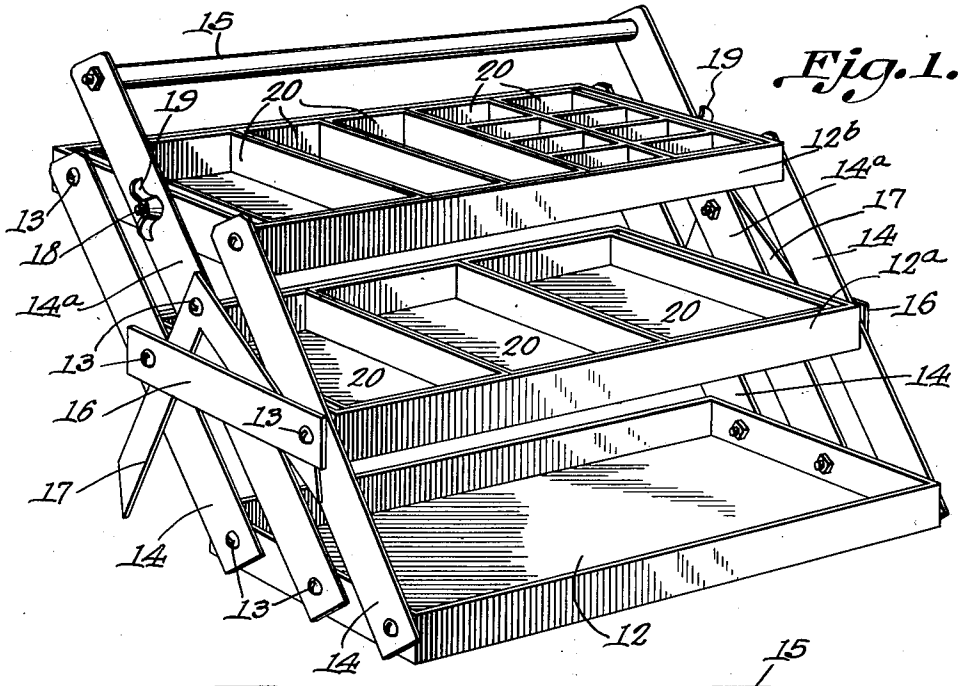


Fig. 1.

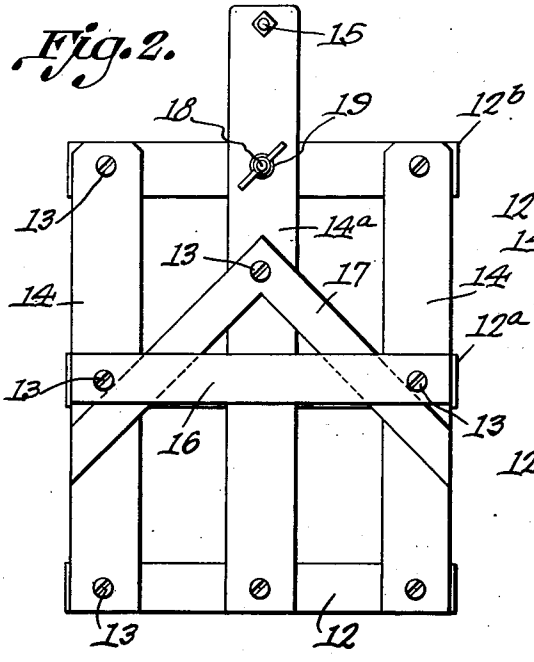


Fig. 2.

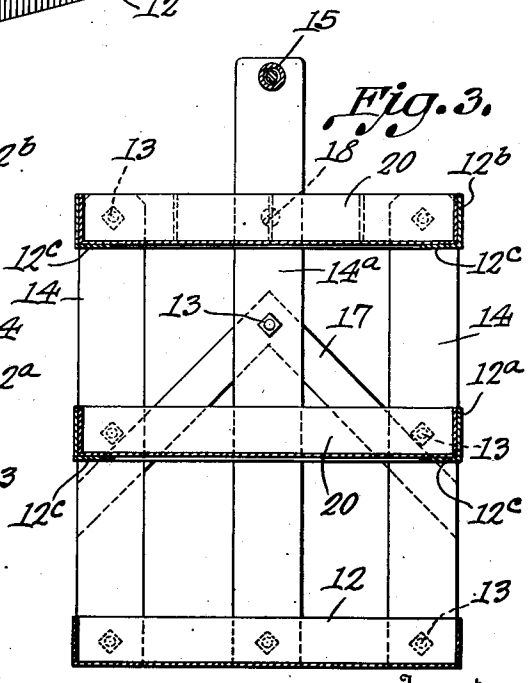


Fig. 3.

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UNITED STATES PATENT OFFICE.

LEWIS E. FORD, OF SALAMANCA, NEW YORK.

TOOL RECEPTACLE OR CARRIER.

Application filed November 22, 1923. Serial No. 676,337.

To all whom it may concern:

Be it known that I, LEWIS E. FORD, a citizen of the United States, residing at Salamanca, in the county of Cattaraugus and State of New York, have invented or discovered certain new and useful Improvements in Tool Receptacles or Carriers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a receptacle or carrier for use in garages or on work benches and adapted to hold tools or tools and small parts, the invention having for its object to provide a receptacle which is conveniently portable and which may be adjusted to an inclined position so as to render the article-holding members, consisting of trays or shelves, more conveniently accessible, all as will hereinafter more fully appear.

In the accompanying drawing Fig. 1 is a perspective view of the improved receptacle adjusted to an inclined position. Fig. 2 is an end view of the same in an upright position, and Fig. 3 is a cross section of the same.

Referring to the drawing, 12 denotes the bottom of the receptacle made in the form of a tray, and above which are arranged other trays or shelves 12^a and 12^b, these trays or shelves serving as article-supporting members. At each end of the receptacle, and loosely jointed to these trays or shelves by means of bolts or the like, are three uprights 14 and 14^a, the central uprights 14^a being extended above the top of the upper shelf or tray 12^b, these extensions being connected by a cross bar 15 serving as a handle by which the receptacle may be conveniently lifted and carried. The ends of these uprights are preferably square and flush with the bottom of the tray 12 and the top of the tray or shelf 12^b. The article-supporting members 12, 12^a and 12^b are spaced apart by the uprights 14 and 14^a and bolts 13.

At each end of the receptacle is preferably provided a cross piece 16 which is also loosely jointed to the side uprights 14 by means of two of the pivots 13. Preferably connected to each of the central uprights 14^a, by one of the pivot bolts 13, is a right-angular piece 17, these pieces serving, when the receptacle is adjusted to an inclined position, such, for example, as shown in Fig. 1, as stops to limit the tilting movement in either direction and hold the receptacle in such inclined position. The stop pieces 17 are arranged between the cross-pieces 16 and the uprights 14 and 14^a.

Passing through the central uprights 14^a and the end flanges of the upper shelf or tray are bolts 18 provided with winged nuts 19 which may be tightened more or less so as to render the device more or less easily adjusted from an upright to an inclined position or vice versa; or they may be screwed up tightly to hold the receptacle rigid either in an upright or inclined position.

The bottom article-holding member 12 of the receptacle is preferably formed as a tray, as above indicated, while the members or shelves 12^a and 12^b will preferably be of skeleton form, as more clearly shown in Fig. 3, the sides and ends of these trays being preferably of angular sheet metal. On the horizontal flanges 12^c of these right-angular portions of the shelves or trays 12^a and 12^b are supported a series of small trays 20 which may be of any desired size and which, if desired, may have cross pieces to form small compartments, as will be understood from Fig. 1. These trays 20 are preferably removably fitted in the said shelves or trays 12^a and 12^b.

From the foregoing it will be understood that the invention affords a convenient receptacle for holding tools or tools and small parts which, being mainly of sheet metal, is of such construction that it may be manufactured at comparatively little expense, and which will be very convenient in use.

It will be noted that in any position of adjustment of the improved receptacle or carrier the trays containing the tools or small parts are always maintained in a horizontal position, so that there is no danger of spilling the tools or parts out of the receptacle or carrier.

If desired, the receptacle or carrier hereinbefore described may be enclosed in a suitable casing which may be of sheet metal or the like, and for which casing a suitable lock may be provided, thereby producing a locked tool chest.

Having thus described my invention, I claim and desire to secure by Letters Patent:

1. A receptacle or carrier for tools or the like, comprising a plurality of shelves or trays, one above the other, a plurality of uprights at each end of the receptacle to which

said shelves or trays are loosely jointed, the central one of these uprights at each end of the receptacle being extended above the uppermost shelf or tray, a cross-bar connecting the upward extensions of said uprights and serving as a handle for lifting and carrying the receptacle, and right-angular members attached to said central uprights and adapted to serve as stops to limit the sidewise or inclined adjustment of the receptacle.

2. A receptacle or carrier for tools or the like, comprising a plurality of shelves or trays, one above the other, a plurality of uprights at each end of the receptacle to which said shelves or trays are loosely jointed, the central one of these uprights at each end of the receptacle being extended above the uppermost shelf or tray, a cross-bar connecting the upward extensions of said uprights and serving as a handle for lifting and carrying the receptacle, right-angular members attached to said central uprights and adapted to serve as stops to limit the sidewise or inclined adjustment of the receptacle, and central cross-pieces jointed to the outer uprights at each end of the receptacle and between which cross-pieces and said uprights said right angular members are arranged.

3. A receptacle or carrier for tools or the like, comprising a plurality of article-holding members disposed one above the other, a plurality of uprights at each end of the receptacle to which said article-holding members are loosely jointed and by which and the pivots forming the joints between said parts said article-holding members are rigidly spaced apart, a cross-bar connecting two of said uprights which extend above the other uprights, said cross-bar serving as a handle for the receptacle, and bolts and winged nuts by which the receptacle may be rigidly fixed in any desired position of adjustment.

4. A receptacle or carrier for tools or the like, comprising a plurality of article-holding members disposed one above the other, a plurality of uprights at each end of the receptacle to which said article-holding members are loosely jointed and by which and the pivots forming the joints between said parts said article-holding members are rigidly spaced apart, a cross-bar connecting two of said uprights and serving as a handle for the receptacle, and a series of small trays, removably fitting in one or more of said article-holding members.

5. A receptacle, for tools or the like, comprising a plurality of trays, one above the other, a plurality of uprights at each end of the receptacle to which said trays are loosely jointed, the central one of these uprights at each end of the receptacle being extended above the uppermost tray, a cross-bar connecting the upward extensions of said uprights and serving as a handle for lifting and carrying the receptacle, and members attached to the outsides of the ends of said receptacle and adapted to serve as stops to limit the sidewise or inclined adjustment of the receptacle when inclined in either direction.

In testimony whereof I affix my signature.

LEWIS E. FORD.