

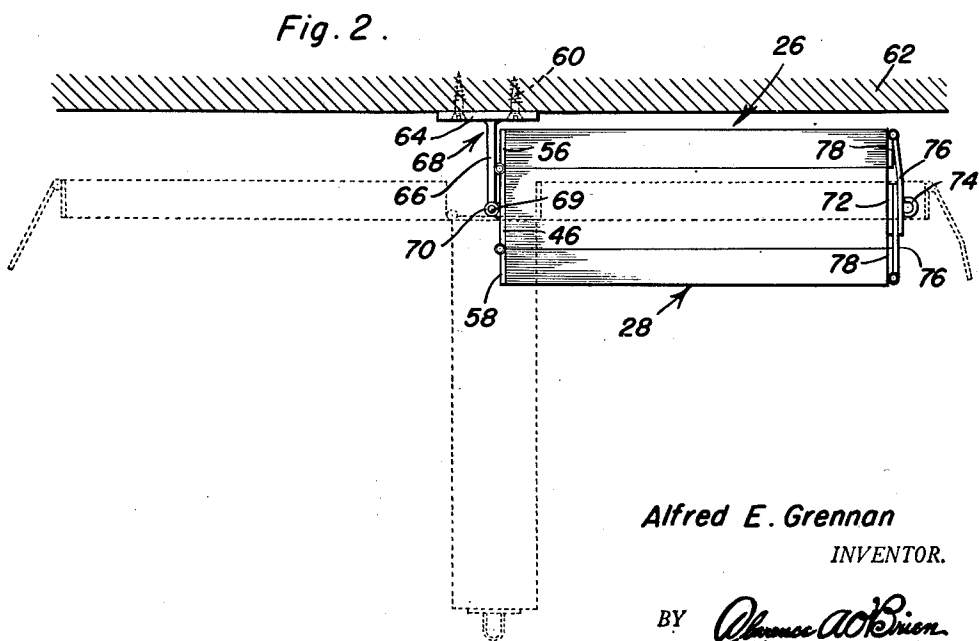
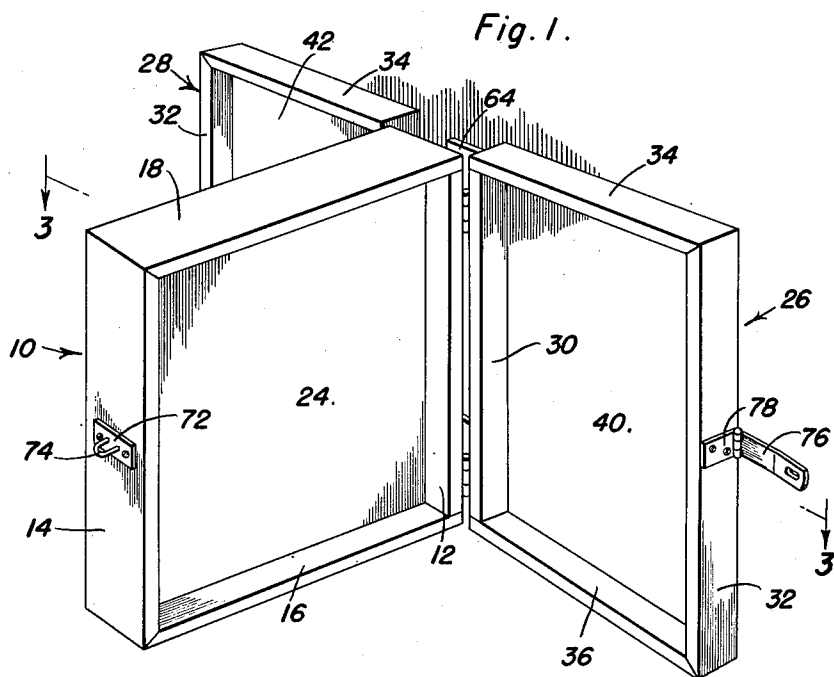
March 18, 1952

A. E. GRENNAN
WALL MOUNTED TOOLBOX

2,589,370

Filed Nov. 3, 1947

2 SHEETS—SHEET 1



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2 SHEETS--SHEET 2

Fig. 3.

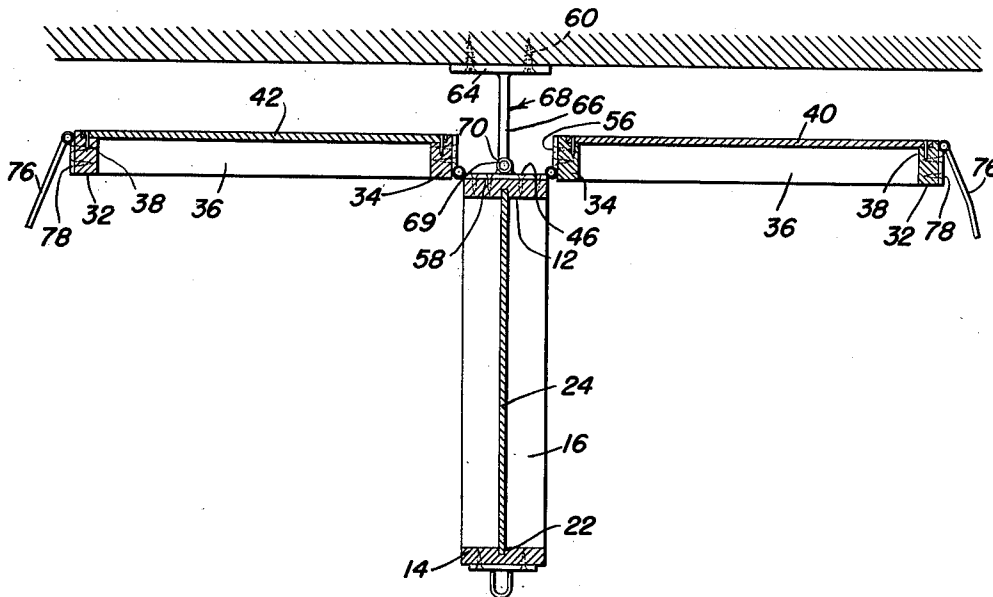


Fig. 4.

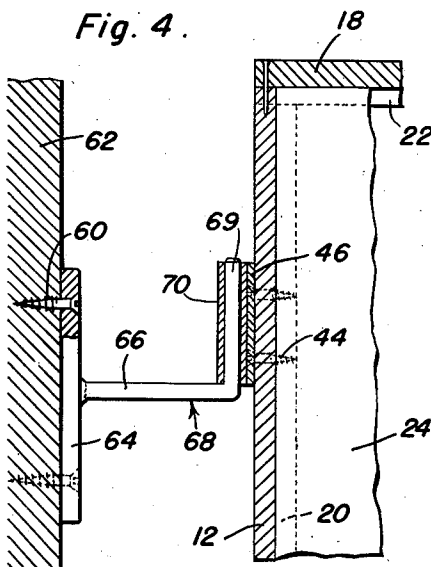
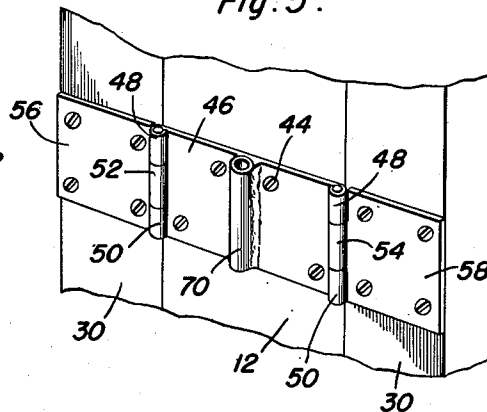


Fig. 5.



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WALL MOUNTED TOOLBOX

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2 Claims. (Cl. 312-248)

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This invention relates to new and useful improvements in tool boxes and the primary object of the present invention is to provide a tool box including a main tool compartment and a pair of hinged end compartments that are so designed as to facilitate convenient entrance into the main compartment or a selected end compartment.

Another important object of the present invention is to provide a tool box including novel and improved hinged means for pivoting the end compartment relative to the main compartment.

A further object of the present invention is to provide a tool box including novel and improved means whereby the same may be quickly and readily supported relative to a wall surface or the like.

A still further aim of the present invention is to provide a tool box that is simple and practical in construction, strong and reliable in use, neat and attractive in appearance, relatively inexpensive to manufacture, and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the present tool box applied to a supporting structure, and showing the end compartments in an open position;

Figure 2 is a horizontal sectional view of a wall structure showing the present tool box applied thereon, and with the end compartments in a closed position, and with dotted lines showing the position of the end compartments when opened;

Figure 3 is a longitudinal horizontal sectional view taken substantially on the plane of section line 3-3 of Figure 1;

Figure 4 is an enlarged fragmentary view, partly in section and partly in elevation, showing the manner in which the present tool box is supported relative to a wall structure; and,

Figure 5 is an enlarged perspective view of the rear portion of the present tool box, showing the means for hinging the end compartments to the main compartment, and with parts of the end compartment and main compartment being broken away and shown in section.

Referring now to the drawings in detail, wherein for the purpose of illustration, there is disclosed a preferred embodiment of the present invention, the numeral 10 represents the main compartment or substantially rectangular main

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frame of the tool box generally, comprising a pair of spaced parallel, vertically disposed end members 12 and 14, and a pair of horizontally disposed spaced parallel side members 16 and 18, having their ends removably secured to the ends of the end members. Longitudinally aligned grooves or recesses 20 and 22 are provided in the inner faces of the end members 12, 14 and side members 16, 18 and engage the marginal edges of a substantially rectangular center wall or partition 24, that is disposed medially between the outer extremities of the main frame.

The numerals 26 and 28 represent a pair of substantially rectangular end frames or compartments, each of which comprise a pair of vertically disposed end members 30 and 32 and a pair of horizontally disposed side members 34 and 36, having their ends removably secured to the ends of said end members. A peripheral recess 38 is provided in the members 30, 32, 34 and 36 for engaging the marginal edges of a pair of end partitions or walls 40 and 42, that are removably secured to the frames 26 and 28 respectively.

Removably secured by fasteners or the like 44 to one of the vertical members of the main frame, for example member 12, is a plurality of substantially rectangular base plates 46 each of which are provided with spaced knuckles or sleeves 48 and 50 at each end which are interdigitated with and pivoted to sleeves or knuckles 52 and 54 projecting outwardly from one end of a pair of plates 56 and 58 that are removably secured to the end members 30 of the frames 26 and 28.

Secured by fasteners or the like 60 to a supporting surface such as a wall structure 62, is an anchor plate 64 that rigidly supports the horizontal legs 66 of an angle bracket 68 having its free vertical legs 69 positioned for engaging a vertical sleeve 70 rigidly carried by each of the base plates 46, whereby the tool box may be conveniently supported relative to a work bench or the like for horizontal pivotal movement about legs 69.

A further base member or plate 72 is removably secured to the remaining vertical member 14 of the main frame, and is provided with an outwardly projecting eye portion 74 that engages slots provided in the pivotal end portion 76 of hinges 78, that are removably secured to the vertical members 32 of the end frame, for retaining the end frame in a closed position relative to the main frame as shown in Figure 2.

In view of the foregoing description taken in conjunction with the accompanying drawings it

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is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

Having described the invention, what is claimed as new is:

1. A tool box comprising an open substantially rectangular main frame including a pair of end members and a pair of side members, grooves provided in the inner faces of said side members and said end members, a substantially rectangular partition having its edges received in said grooves, a pair of open substantially rectangular end frames having outer surfaces, end partitions secured to the outer surfaces of said end frames, a pair of elongated base plates secured to one end member of said main frame adjacent said side members, said base plates having terminal knuckles, an upper and lower pair of plates secured to each of said end frames and having knuckles registering with the knuckles of said base plates, means pivotally securing the knuckles of said base plates to the knuckles of said upper and lower pair of plates, a sleeve fixed to the central portion of each of said base plates, a pair of anchor plates detachably secured to a supporting structure, and angle members fixed to said anchor plate and including upstanding leg portions received in said sleeves, said box being rotatable on said angle members, said angle members having horizontal leg portions bearing against said sleeves and preventing downward movement of said box relative to said angle members and said upstanding leg portions being spaced horizontally from said anchor plates a distance substantially equal to the width of one of said end frames and one-half the width of the main frame.

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2. A tool box comprising an open substantially rectangular main frame including a pair of end members and a pair of side members, a pair of open substantially rectangular end frames, a pair of elongated base plates secured to one end member of said main frame adjacent to said side members, said base plates having terminal knuckles, an upper and lower pair of plates secured to each of said end frames and having knuckles registering with the knuckles of said base plates, means pivotally securing the knuckles of said base plates to the knuckles of said upper and lower pair of plates, a sleeve fixed to the central portion of each of said base plates, a pair of anchor plates detachably secured to a supporting structure, and angle members fixed to said anchor plate and including upstanding leg portions received in said sleeves, said box being rotatable on said angle members, said angle members having horizontal leg portions bearing against said sleeves and preventing downward movement of said box relative to said angle members, and said upstanding leg portions being spaced horizontally from said anchor plates a distance substantially equal to the width of one of said end frames and one-half the width of the main frame.

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