April 5, 1949. C. W. McCARTY 2,466,552

TOOL RACK

Filed Oct. 22, 1945

Fig. 1

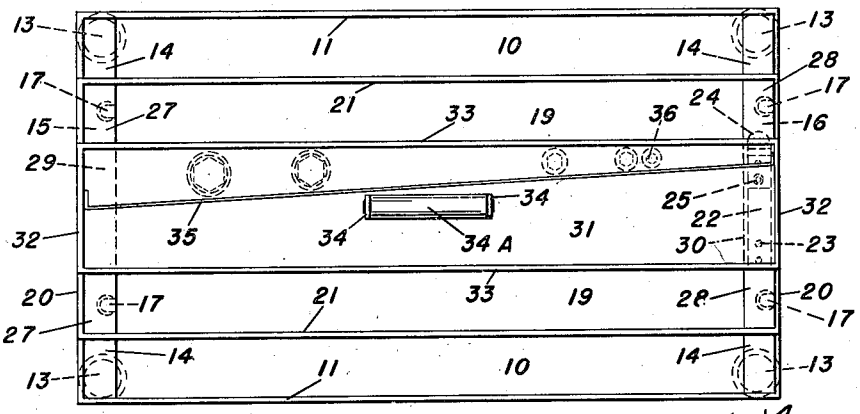


Fig. 2

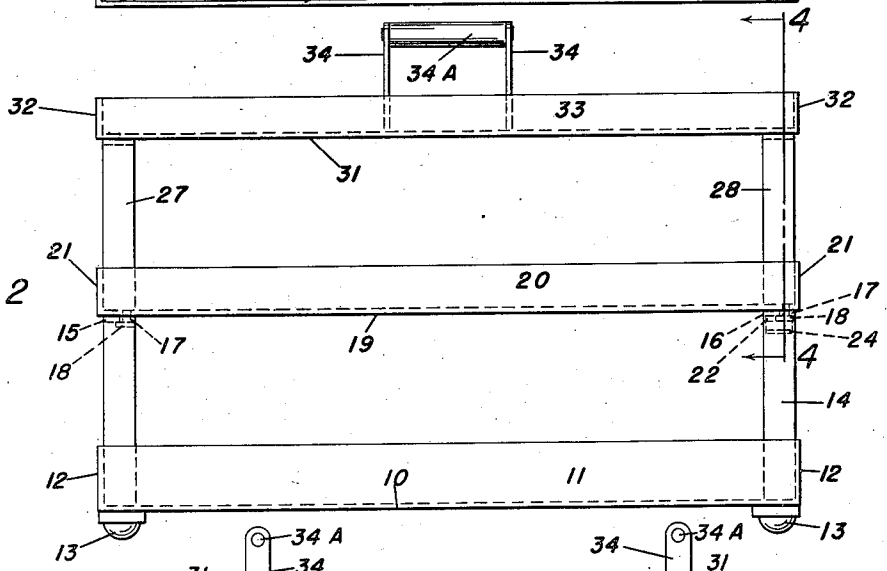


Fig. 3

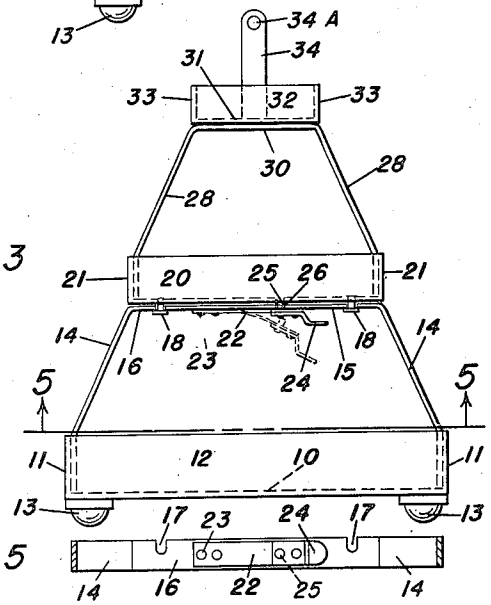


Fig. 4

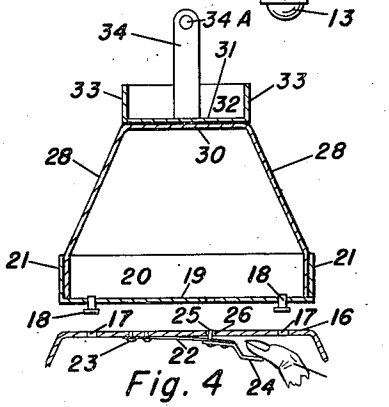


Fig. 5

INVENTOR
C. W. McCARTY

BY E. B. Richenbrenner

ATTORNEY

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TOOL RACK

Charles W. McCarty, Portland, Oreg.

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1 Claim. (Cl. 211—128)

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This invention relates generally to racks for tools and particularly to a tool rack for automobile mechanics and members of kindred trades.

The main object of this invention is to provide a tool rack which will be light in weight, have a large capacity, and which will provide easy accessibility to the tools stored therein.

A further object is to so construct the rack that it can be divided to increase the portability.

Also a further object is to construct a rack of the class described which will best utilize the materials employed so as to obtain the maximum amount of strength thereof.

These and other objects will become more apparent from the specifications following as illustrated in the accompanying drawing, in which:

Fig. 1 is a plan of the assembled device.

Fig. 2 is a side elevation of Fig. 1.

Fig. 3 is an end elevation of Fig. 1.

Fig. 4 is a fragmentary view showing the manner of separating the two upper trays from the lower tray, the view being a section taken along the line 4—4 in Fig. 2.

Fig. 5 is a section taken on the line 5—5 in Fig. 3.

Referring in detail to the drawing, there is shown a base tray having sides 11 and ends 12. The corners of the tray are supported by the spherical gliders 13 and from each corner of the base tray 10 extends the inclined standard 14. The upper ends of one pair of standards 14 are joined by means of the horizontal bar 15 while the other pair is joined by a bar 16. The bar 15 has the slots formed therein to freely receive the rivets 18 which project from the underside of the intermediate tray 19 which is provided with the ends 20 and sides 21.

The bar 16 is similarly slotted and in addition thereto has secured thereto a spring 22 by means of the rivets 23. The spring 22 is provided with a lever 24 by means of which it may be flexed by the finger or a convenient instrument. The spring 22 has attached thereto a plunger 25 adapted to occupy a corresponding hole 26 in the member 16.

The intermediate tray 19 is provided with the corner standards 27 and 28. The standards 27

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are joined by the cross-bar 29. The standards 28 are joined by the cross-bar 30. The upper tray 31 is provided with ends 32 and sides 33. The upright posts 34 are joined by the handle member 34A. It is desirable to provide a somewhat diagonal divider 35 along the length of the upper tray 31 for the purpose of accommodating the device to a series of socket wrenches 36. It is also desirable to provide holders in the various trays 10, 19 and 31, but their location is dependent entirely upon the class of work which is being performed.

I claim:

In a tool rack, the combination of an elongated bottom tray having ground engaging casters under the corners thereof, inwardly inclined standards at the corners of said tray having bars uniting said standards over the shorter ends of said tray, an intermediate tray of equal length and less width than said bottom tray, means for releasably latching said intermediate tray to said bars, inwardly inclined corner standards at each corner of said intermediate tray, a cross bar uniting the upper ends of each end pair of corner standards, an upper tray mounted on said cross bars secured thereto, upright posts at the opposite ends of said upper tray, and a handle connecting said posts whereby the entire rack or the upper and intermediate trays may be carried.

CHARLES W. McCARTY.

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