

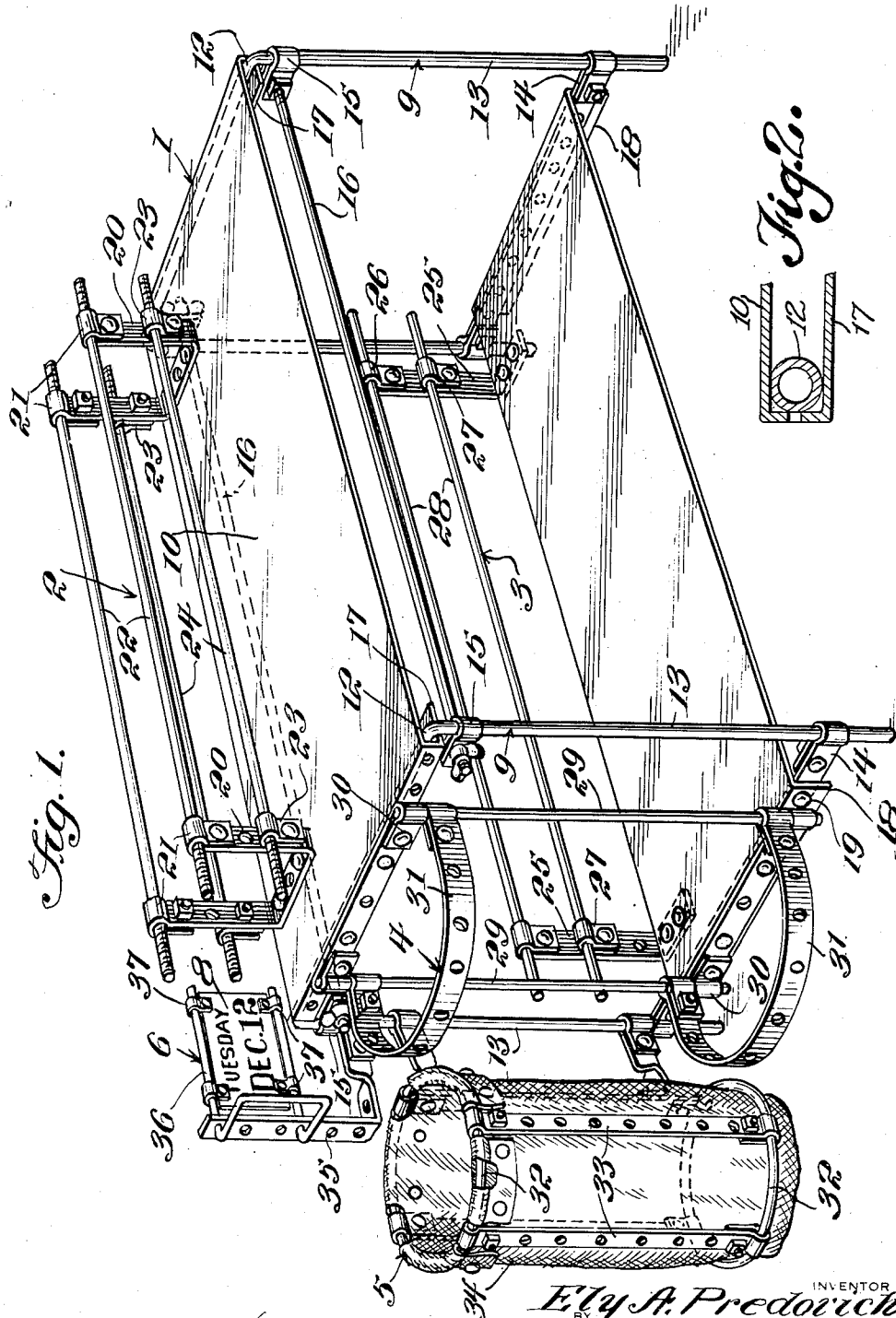
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COMBINED WORKBENCH AND RACK

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COMBINED WORKBENCH AND RACK

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1 Claim. (Cl. 311—35)

This invention relates to a combined workbench and rack and has for the primary object the provision of a device of the above stated character whereby various operations may be easily and quickly carried out on materials and the latter conveniently supported within reach of the operator so that selections of the materials may be easily made as said materials are needed for the construction of an article.

Another object of this invention is the provision of a device of the above stated character which comprises in its construction such elements that may be readily adjusted to maintain the device rigid and permit of the latter to be knocked down.

With these and other objects in view this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which

Figure 1 is a perspective view illustrating a combined workbench and rack constructed in accordance with my invention.

Figure 2 is a detail sectional view showing a portion of the top of the workbench.

Referring in detail to the drawing, the numeral 1 indicates a workbench having applied thereto racks 2, 3, 4 and 5 and also a bracket 6 for supporting a plate 8 adapted to bear desired characters or reading matter.

The bench 1 includes in its construction leg units 9 supporting the top 10 and a shelf 11. Each leg element is of substantially U-shape and forms an attaching portion 12 and vertically arranged legs 13. The legs 13 adjacent their lower ends are connected by braces 14 each in the form of a bar, as shown in Figure 1a, having its ends bent to form clips secured to the legs by bolts. Clips 15 are applied to the upper portions of the legs and are connected in pairs by tie rods 16. The rods 16 each have screw threaded ends to receive lock nuts and wing nuts, which enable the tension of the clips on the leg units or elements to be varied.

The top 10 is in the form of a plate having opposite ends bent upon itself to form flanges 17 adapted to hook over the supporting portions 12 of the leg elements so that the top will rest evenly and firmly on the leg elements and permit adjustment of the latter relative to each other and thereby firmly anchor the top to the leg elements and permit of the top to be removed

or detached from the leg elements when desiring to collapse the device.

The shelf 11 has its ends bent to form depending flanges 18 apertured to receive fasteners 19 for securing the shelf to the braces 14.

The rack 2 is removably secured to the top 10 and includes a pair of substantially U-shaped brackets 20 detachably secured to the top and each bracket has its ends bent to form split clamps 21 to removably receive rods 22 similar in construction to the brace rods 16. Split clamps 23 are detachably secured to the brackets 20 and removably receive rods 24 similar in construction to the rods heretofore referred to. The rack 2 may be employed for supporting the materials horizontally from the bench or may support tools employed by the operator in the construction of an article on the bench.

The rack 3 is secured to the shelf 11 below the top 10 and includes angle iron brackets 25 detachably secured to the shelf 11 and having their free ends bent to form split clamps 26. Split clamps 27 are removably secured to the brackets 25 below the split clamps 26 and are of the construction shown in Figure 4. Removably secured to the brackets 25 are rods 28 similar in construction to the rods 22 and 24. The rack 3 may be employed for supporting various articles in suspended position.

The rack 4 is applied to one end of the bench and is removably secured thereto and includes in its construction vertically arranged rods 29 removably received by split clamps 30 secured to the top 10 and the shelf 11. Semi-circular shaped elements 31 each have their ends bent to form split clamps to receive the vertically arranged rods 29 for supporting the semi-circular elements 31 horizontally. Various materials may be supported vertically within the semi-circular members 31 by the lower ends of the materials resting on the floor on which the bench is positioned.

The rack 5 is removably mounted on one of the leg portions 13 of the leg unit 9 and is in the form of an open ended receptacle comprising in its construction upper and lower annular members 32 connected by bars 33 each of which is provided with a series of apertures and has its ends bent to form split clamps to encircle the annular members 32. A flexible covering or sack 34 is suitably secured to the upper annular member and arranged within the bars 33 and the lower annular element 32. Small materials may be easily placed in and removed from the sack as needed.

The bracket 6 includes an L-shaped member

35 removably secured to one of the leg units and is provided with a series of openings to removably receive a substantially U-shaped member 36 constructed similar to a leg unit and carrying clips 37 to support a character bearing plate 8.

Having described the invention, I claim:

A workbench comprising two inverted U-shaped end pedestals, said pedestals being positioned parallel to each other, cross braces con-

necting the legs of each pedestal, a shelf removably secured to said cross braces, adjustable longitudinally extending tie rods connecting corresponding legs of both pedestals, and a sheet metal top connecting said pedestals, each end of said top having downwardly and inwardly extending flanges forming a channel, the horizontal portion of each pedestal being positioned in the corresponding channel.

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