C. A. GORDON.

WRENCH RACK.

APPLICATION FILED JULY 22, 1908.

925,577. Patented June 22, 1909.

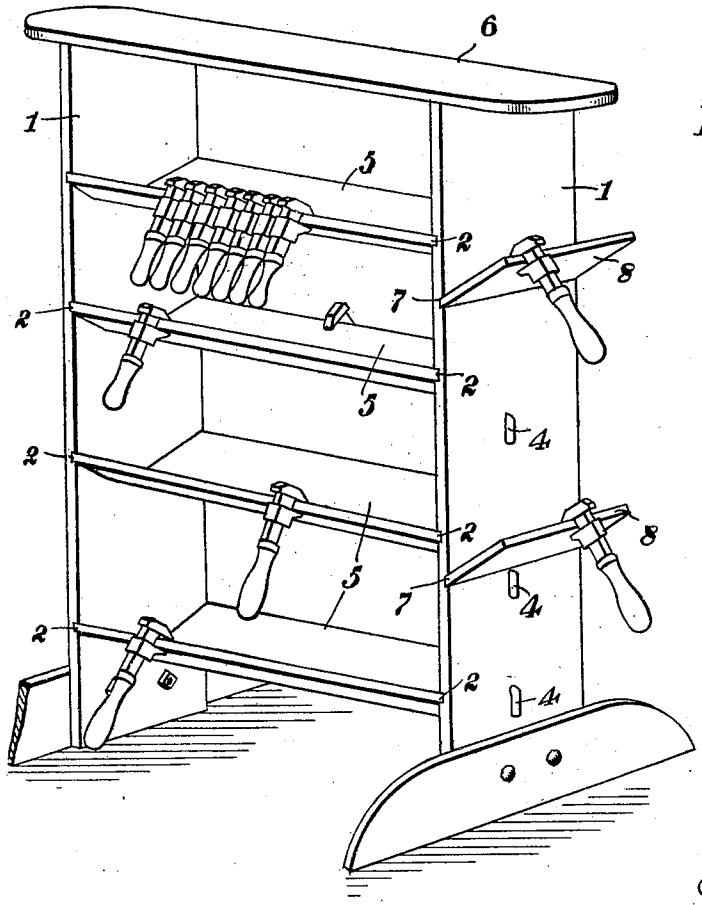

Fig. 1.

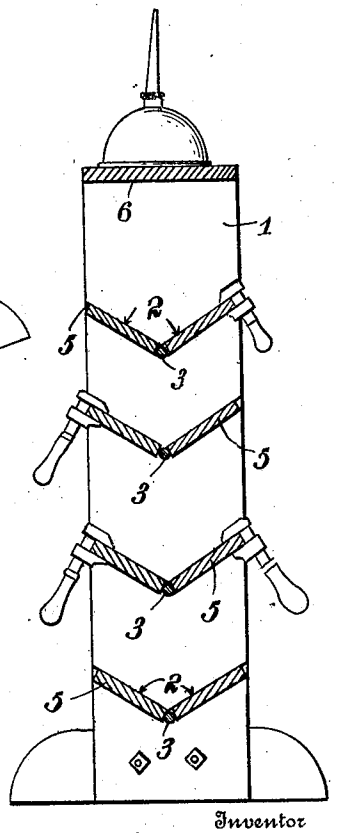

Fig. 2.

Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

CALVIN A. GORDON, OF GIBBON, NEBRASKA.

WRENCH-RACK.

No. 925,577. Specification of Letters Patent. Patented June 22, 1909.

Application filed July 22, 1908. Serial No. 444,852.

To all whom it may concern:

Be it known that I, CALVIN A. GORDON, citizen of the United States, residing at Gibbon, in the county of Buffalo and State of Nebraska, have invented certain new and useful Improvements in Wrench-Racks, of which the following is a specification.

This invention comprehends certain new and useful improvements in tool racks, and the object of the invention is an improved device of this character that is designed as an article of store furniture and is capable of displaying tools, particularly wrenches, to considerable advantage, and which is compact in structure and is susceptible of supporting a maximum number of wrenches in a minimum amount of space and in such a manner that any selected wrench may be readily and conveniently removed without disturbing any of the other wrenches in the rack.

With this and other objects in view that will more fully appear as the description proceeds, the invention consists in certain constructions and arrangements of the parts that I shall hereinafter fully describe, and then point out the novel features thereof in the appended claim.

For a full understanding of the invention and the merits thereof, and to acquire a knowledge of the details of construction, reference is to be had to the following description and accompanying drawing, in which:

Figure 1 is a perspective view of a tool rack constructed in accordance with my invention; and, Fig. 2 is a vertical section thereof.

Corresponding and like parts are referred to in the following description, and indicated in all the views of the drawing by the same reference characters.

My improved rack comprises two transversely spaced uprights 1 that are formed in their opposing faces with corresponding series of upwardly disposed oppositely inclined grooves 2 and that are also formed at the juncture of the respective grooves with openings 3 arranged to receive and accommodate tie rods 4 that extend transversely of the rack to hold the uprights in proper spaced relation and to strengthen the structure as a whole.

5 designates shelves which have their opposite ends adapted to be slid into the corresponding pairs of grooves 2 to be detachably supported in the latter, and each of which is arranged to carry a tier of wrenches that are arranged side by side, as clearly illustrated in Fig. 1, with their jaws grasping or otherwise suitably engaging the shelves, and with their handle portions projecting downwardly and outwardly beyond the tier of wrenches just above, and beyond the adjacent edges of the uprights 1, so as to permit any selected wrench to be quickly and conveniently removed without the necessity of disturbing any of the other wrenches in the rack.

It is to be noted that the tie rods 4 are arranged between the adjacent edges of the corresponding shelves 5 and form abutments therefor, and that when one of said shelves is removed, the other shelf will be prevented by the tie rod from becoming carried inwardly by the weight of the wrenches, to be possibly jammed in the grooves. The upper ends of the uprights 1 are preferably arranged to support a top shelf 6 that may be conveniently employed to sustain an additional number of tools or implements, and in the preferred construction of the device, is arranged to carry a plurality of oil cans, as shown.

In order to increase the capacity of the rack, one or both of the uprights are formed in their outer faces with substantially horizontal vertically spaced grooves 7 in which are slidingly mounted tongues formed at the inner edges of supplementary shelves 8 and which are thus designed to support the latter in inclined position and permit them to be employed similarly to the shelves 5.

From the above description, in connection with the accompanying drawing, it will be apparent that I have provided a simple, durable and efficient construction of tool rack in which the tool supporting shelves may be readily removed, which may be easily and cheaply manufactured, and which consists of comparatively few parts that may be readily assembled.

Having thus described the invention, what I claim is:

A tool rack of the character described, comprising transversely spaced uprights 1 formed in their opposing faces with upwardly disposed oppositely inclined grooves 2 and also formed with openings 3 extending therethrough at the juncture of said grooves, pairs of tool-supporting shelves detachably supported between the uprights and

having their ends slidingly mounted in the corresponding grooves, and tie rods 4 extending transversely of the uprights and passing through the openings and having their ends angularly disposed to engage the outer faces of the uprights and hold the same from spreading laterally, said tie rods being interposed between and constituting stops for the shelves of the respective pairs, as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

CALVIN A. GORDON. [L. S.]

Witnesses:

DAVID B. DOW,

GEO. R. LITTLE.