O. K. DUNBAR.

DISPLAY RACK.

APPLICATION FILED FEB. 6, 1913. RENEWED JAN. 16, 1915.

1,150,256. Patented Aug. 17, 1915.

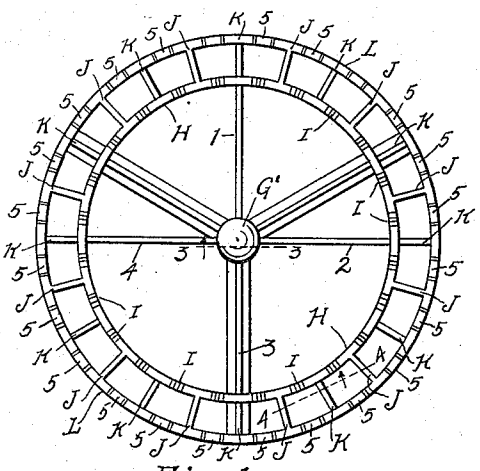

Fig. 1.

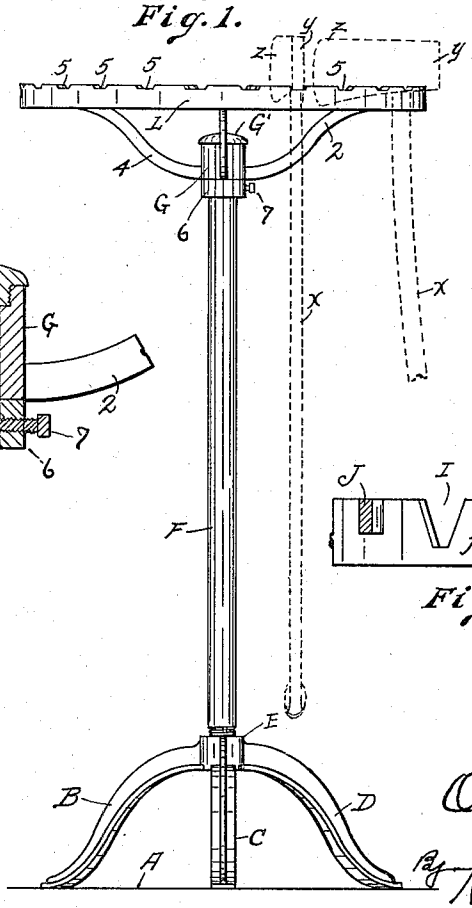

Fig. 2.

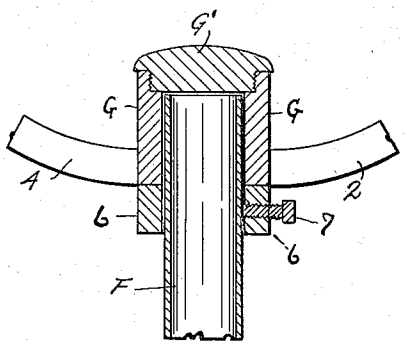

Fig. 3.

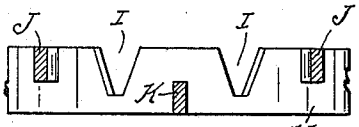

Fig. 4.

WITNESSES
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DISPLAY-RACK.

1,150,256. Specification of Letters Patent. Patented Aug. 17, 1915.

Application filed February 6, 1913, Serial No. 746,460. Renewed January 16, 1915. Serial No. 2,719.

To all whom it may concern:

Be it known that I, ORIS K. DUNBAR, a citizen of the United States, residing at Centerville, in the county of Wayne and State of Indiana, have invented a new and useful Construction for Display-Racks, of which the following is a full, clear, and accurate specification and exposition, being such as will enable others to make and use the same with exactitude.

My present invention relates to a display rack, and it is particularly intended for the display of axes or similar tools, and the object thereof, broadly speaking, is to provide a display rack which will be strong and durable in construction, neat and attractive in appearance, and which can be manufactured and sold at a comparatively low price.

A more particular object is to provide a display rack whereby axes may be displayed in an attractive manner, without danger to the person, or damage to the tools, at the same time allowing for a full examination of the axes carried by the rack.

Other minor objects and particular advantages of my invention will be brought out in the course of the following specification, and that which is new will be set forth in the appended claim.

The preferred manner for the accomplishing of my invention in a practical manner is shown in the accompanying drawings, in which—

Figure 1 is a top plan view of the invention. Fig. 2 is a side elevation of the invention complete. Fig. 3 is a detail section, as taken on line 3—3 of Fig. 1. And Fig. 4 is a detail section as taken on line 4—4 of Fig. 1.

Similar indices denote like parts throughout the several views.

In order that the construction and the operation of my invention may be fully understood and appreciated I will now take up a detailed description thereof, in which I will set forth the invention as briefly and as comprehensively as I may.

In the drawings letter A denotes the floor line on which my device may rest. Adapted to rest on the floor is the tripod-base which consists of the three legs B, C and D, which curve inward and upward convergently, and they are all intrically united in the center to the head E. Formed vertically in the center of the head E is a threaded aperture to receive therein the threaded lower end of the pipe or tube which forms the standard F. The upper end portion of said standard F is plain, or unthreaded.

The rack proper comprises a round wheel-like construction adapted to revolve horizontally, and it consists of the hub G having a central aperture therethrough to receive the standard F.

Numeral 6 denotes a collar adapted to surround the standard F below the hub G, and it is adapted to adjustably support the wheel, the collar being adapted to be secured to the standard by the set-screw 7.

In the event that it is not desired that the wheel be adjustable as to its height from the floor, then the collar 6 may be dispensed with, in which case the upper end of the central aperture of the hub may be closed by a cap G′, as shown in Fig. 3.

Radiating from the periphery of the hub G are the four equally spaced spokes 1, 2, 3 and 4, formed integral therewith. The outer ends of said spokes are connected by the inner-band H which is concentric with the hub G. Said inner-band has a plurality of V-shaped notches I formed therein which cut the upper edge of said band and extend down more than one-half the distance therethrough vertically, as shown in Fig. 4.

Radiating out from the periphery of the inner band H are a plurality of bars which are arranged staggered with relation to the position of each other, as shown in Fig. 4: The upper bars J are located even with the upper edge of the band H; and the lower bars K are located even with the lower edge of said band H, the opposing inner edges of all of said bars being in the center of the face of the band H, substantially as indicated.

Carried by the outer ends of the bars J and K is the outer-band L which is of same height as the band H and it is concentric therewith. Formed in the upper edge of the band L are a plurality of substantially U-shaped notches 5, there being one thereof located directly opposite each of the V-shaped notches I. The notches 5 are comparatively wide, but they extend down in depth less than half the vertical height of the band L, as shown in Fig. 2.

All parts of the wheel thus formed, that is the hub G, spokes 1, 2, 3 and 4, inner-band H, bars J and K, and the outer-rim L are, preferably, formed integral with each other, that is they are formed by a single casting,

although they may be built up from separate parts if desired.

Where the device is intended for the display of axes it is evident that the square and wide portion of the head *y* of the ax may fit in a notch 5, while the angular or tapering inner portion of the bit *z* will fit in the opposite notch I, the handle *x* of the ax extending down parallel with the standard F, being disposed between the bands H and L, and a bar J and K, as shown in Fig. 2.

By reason of the depth of the notches I and the shallowness of the notches 5 the difference in the width of the ax at its blade *z* and at its head *y* is compensated for, thereby allowing the handle to hang practically perpendicular.

The construction herein shown is arranged to accommodate twenty-four axes, but if desired this capacity may be increased or diminished.

I would also have it understood that the construction shown may be made in various sizes to meet various conditions, as for instance if made in the proper size the device would be equally applicable for displaying hatchets, or even other tools.

Having now fully shown and described my invention and the best manner for its construction to me known at this time, what I claim and desire to secure by Letters Patent of the United States, is—

A display rack comprising a vertically supported standard, a sleeve non-rotatably and adjustably mounted near the upper end of the standard, a hub rotatably supported upon the sleeve and surrounding the standard, means carried by the hub for supporting implements to be displayed, a cap for closing the upper end of the hub, said cap being removable so that the hub may be lowered upon the standard upon lowering the sleeve, said cap when engaged with the hub and upon removal of the sleeve serving to support said hub rotatably upon the upper end of the standard.

In testimony whereof I have hereunto subscribed my name to this specification in the presence of two subscribing witnesses.

ORIS K. DUNBAR.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."