

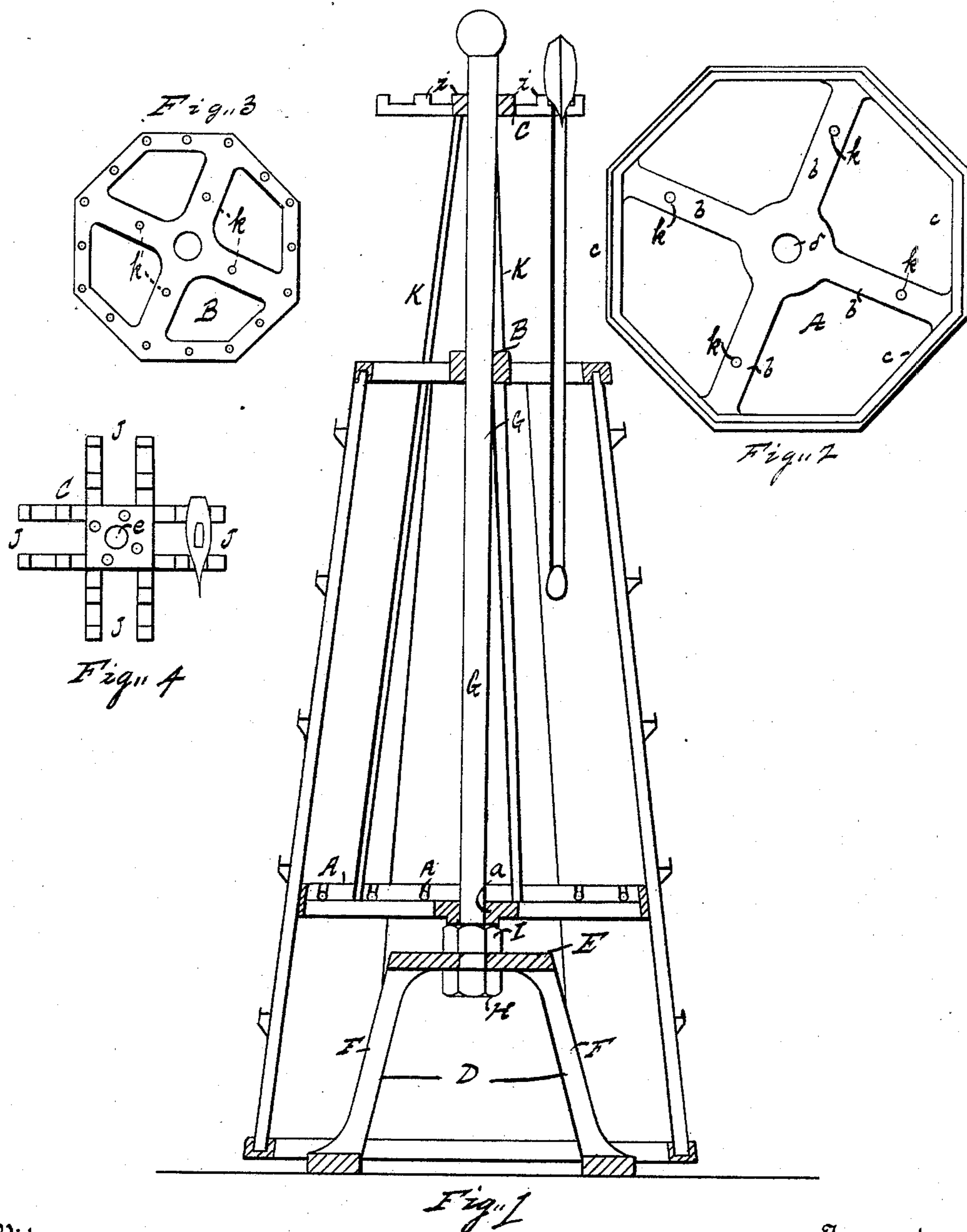
(No Model.)

2 Sheets—Sheet 1.

F. A. HERRICK.
RACK.

No. 432,616.

Patented July 22, 1890.



Witnesses.

Clarence Buehly
Fred Krubbin

Inventor

Frank A. Horrick

By *his* Attorney

Elliot Stoddard

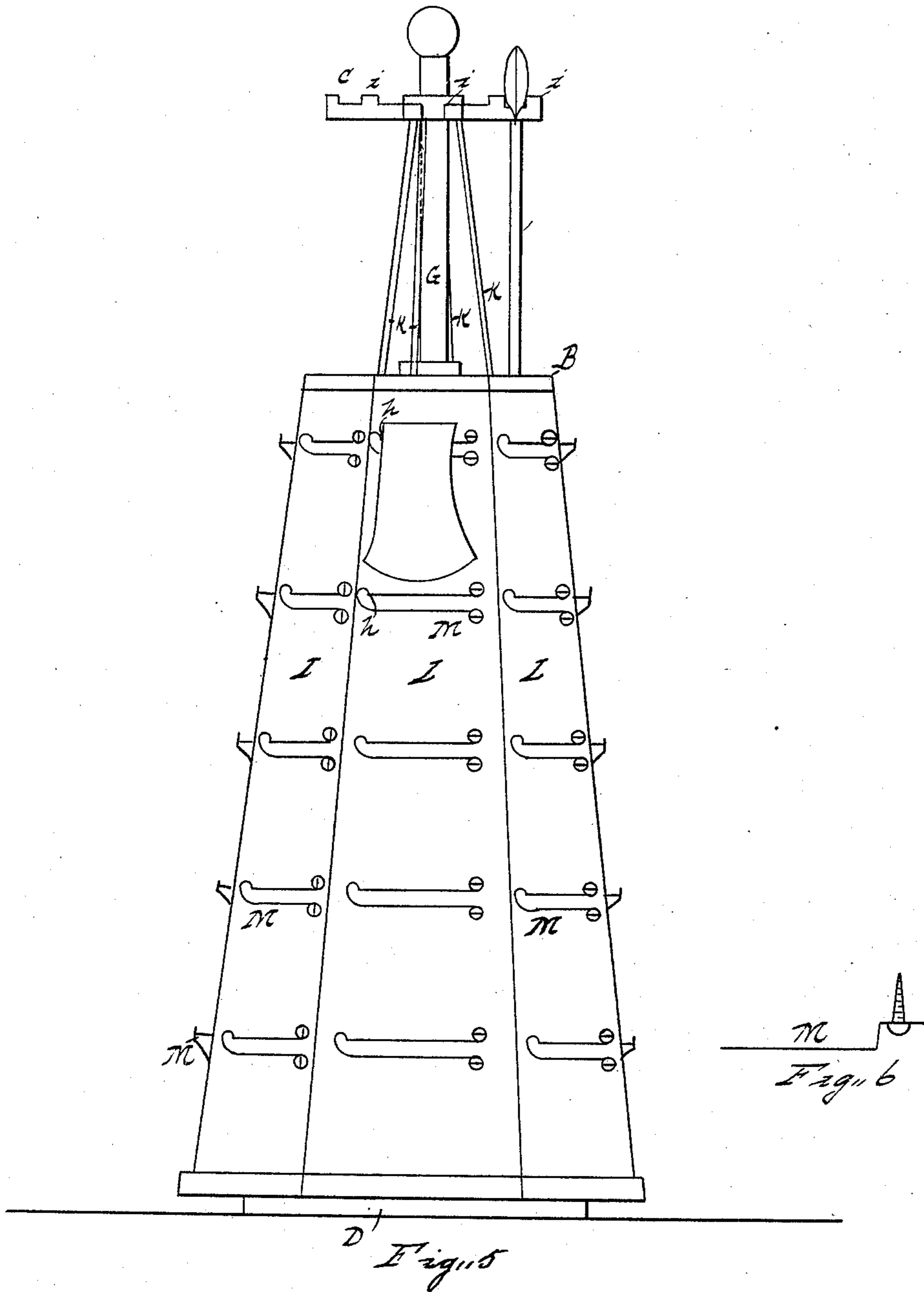
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UNITED STATES PATENT OFFICE.

FRANK A. HERRICK, OF JACKSON, MICHIGAN.

RACK.

SPECIFICATION forming part of Letters Patent No. 432,616, dated July 22, 1890.

Application filed April 5, 1890. Serial No. 346,793. (No model.)

To all whom it may concern:

Be it known that I, FRANK A. HERRICK, of Jackson, in the county of Jackson and State of Michigan, have invented a new and useful Improvement in Racks, of which the following is a specification.

My invention relates to tool-racks; and the object of my improvement is to provide a rack upon which axes may be secured in order to exhibit them for sale. I secure this object in the apparatus illustrated in the accompanying drawings, in which—

Figure 1 is a vertical central section. Fig. 2 is a plan view of the supporting-rib A. Fig. 3 is a plan view of the supporting-rib B. Fig. 4 is a plan view of the bracket C. Fig. 5 is an elevation of the entire device, and Fig. 6 is a plan view of one of the brackets by which the ax-heads are secured.

Similar letters refer to similar parts throughout the several views.

D is a base or pedestal in which a platform E is supported a short distance from the surface upon which the rack is set by legs F F.

G is a piece of gas-pipe or a round rod secured in a vertical position by its lower end passing into and through a hole in the center of the platform E, and being secured in position by the nuts H I.

A is a supporting-rib, consisting of the hub *a*, arms *b b b b*, and polygonal periphery C C. Through the center of the hub A is formed a circular hole *d*, through which the round rod G passes, the hub *a* resting upon the top of the nut I.

B is a supporting-rib smaller than but of the same general construction as the rib A. I prefer, however, to channel the under surface of the periphery of the rib B, as shown in Fig. 1, in order to secure a better finish to the device at that point.

C is a bracket provided with several pairs of double arms J J. Through the center of the bracket C is formed a hole *e*, through which the rod G extends. *i i i* are lugs extending vertically upward from the arms J J. Said arms extend at right angles to a square forming the center of the bracket C, above the opening between the arms of the supporting-rib B.

K K are rods extending through holes *k k k*

in the bracket C and the supporting-ribs B and A, and being rigidly secured therein, holding said bracket and ribs in parallel planes at about the relative distance apart shown in Fig. 1.

L L are boards secured to the supporting-ribs A and B, meeting at their edges, and forming, together with the inclosed space, the frustum of a pyramid. Said boards are secured to the supporting-rib B, preferably by having their upper edges inserted in the channel formed near the periphery of said rib, and screws passing down from above through said rib and into the ends of said boards. The lower portions of said boards are secured to the ribs A by screws passing from the inside of said rib.

M M are brackets secured at one end at the side of one of the boards L L, extending therefrom at right angles, then turning and extending horizontally across said board. A rise *h h h* is formed at the end of said brackets. Said brackets may be made of wire, as shown, or of iron, and secured to the boards L L by screws.

The operation and method of using the above-described device are as follows: The bracket C and supporting-ribs B and A are adapted to turn about the rod G, the weight of said bracket-ribs and attached parts resting upon the nut I, by means of the hub *a*.

Ax-heads of different makes and shapes are threaded upon the brackets M M, said brackets passing through the eye of the ax-heads, the lugs or rises *h h h* preventing any accidental removal of said ax-heads. Axes are hung upon the bracket C by resting their heads transversely across the arms J J, their handles hanging vertically downward between the arms of the rib B, the lugs *i i i* preventing their accidental displacement. By turning this rack about the rod G the different axes may be readily exhibited. The axes and ax-heads may be readily removed and replaced, and the axes are kept in a compact and sightly position.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination of the central rod G, rack C, and polygonal ribs A B, secured to-

gether and adapted to rotate about said rod, the boards L L, secured to said ribs, and the brackets M M, secured to said boards, substantially as shown and described.

- 5 2. The combination of the central rod G, rack C, and polygonal ribs A B, secured together and adapted to rotate about said rod, the rib C being provided with openings between its periphery and hub, and said rack

being provided with arms J J in vertical alignment with the openings in the rib B, the boards L L, secured to said ribs, and the racks M M, secured to said boards, substantially as shown and described.

FRANK A. HERRICK.

Witnesses:

GEORGE A. W. DODGE,
R. P. COMSTOCK.