No. 752,368. PATENTED FEB. 16, 1904.

C. A. WHITCOMB.

SHOE RACK.

APPLICATION FILED APR. 6, 1901.

NO MODEL.

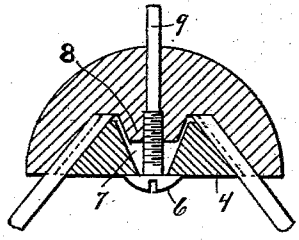



Fig. 4.

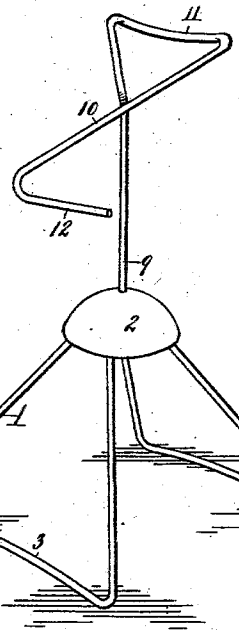



Fig. 1.

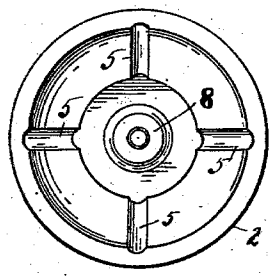



Fig. 5.

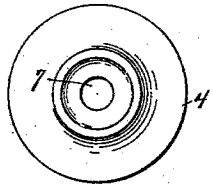



Fig. 6.

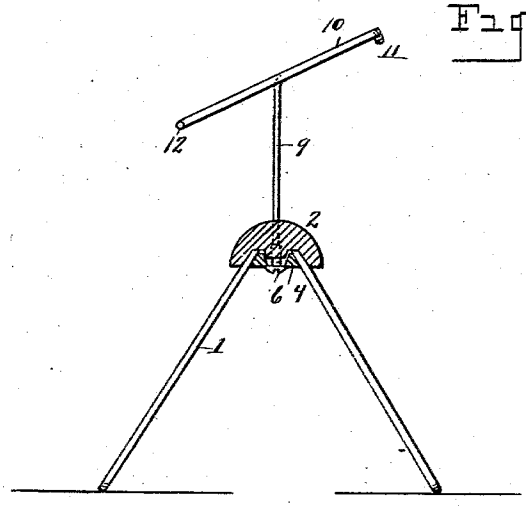



Fig. 2.

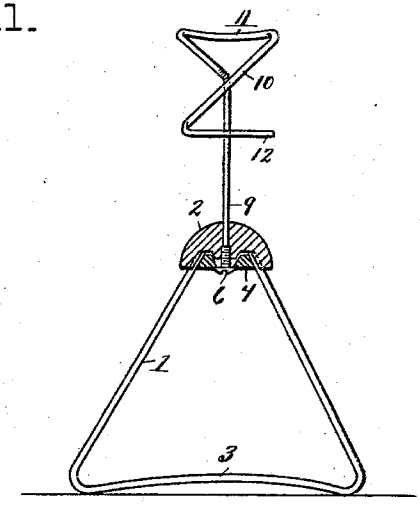



Fig. 3.

WITNESSES.

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No. 752,368. Patented February 16, 1904.

# UNITED STATES PATENT OFFICE.

CLARK A. WHITCOMB, OF YPSILANTI, MICHIGAN, ASSIGNOR TO HORNER BROTHERS, A FIRM, AND ERNEST D. RHODES, OF YPSILANTI, MICHIGAN.

## SHOE-RACK.

SPECIFICATION forming part of Letters Patent No. 752,368, dated February 16, 1904.

Application filed April 6, 1901. Serial No. 54,641. (No model.)

*To all whom it may concern:*

Be it known that I, CLARK A. WHITCOMB, a citizen of the United States, residing at Ypsilanti, in the county of Washtenaw, State of Michigan, have invented certain new and useful Improvements in Shoe-Racks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to a rack or stand for displaying shoes and other articles; and it consists in the construction and arrangement of parts hereinafter fully set forth, and pointed out more particularly in the claims.

The object of the invention is to provide a simple, cheap, and efficient means for displaying shoes and other articles in a show-window, the arrangement being such as to economize space and afford any desired display of the goods.

The above object is attained by the device illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved rack or stand. Fig. 2 is a transverse section through the base, showing the manner of securing the triangular legs of the rack therein. Fig. 3 is a like view showing the socket in which the supporting-standard is removably seated. Fig. 4 is an enlarged sectional view through the base. Fig. 5 is an inverted plan of the base. Fig. 6 is a plan of the locking-cone.

Referring to the characters of reference, 1 designates the legs of the rack, which are formed of small steel rods bent into a triangular shape. The upper ends of said triangular legs are secured in the under side of a circular base 2 in such position as to cause said legs to diverge or flare outwardly. The lower end of the triangle is of such length as to distend the legs sufficiently to cause a firm support for the rack, and the rod forming said lower side of the triangle is bent upwardly, as at 3, so as to afford a bearing at the corners only.

The metal base 2, which is secured upon the upper ends of the triangular legs, is preferably semispherical in form, and in the center thereof on the under side is a tapered concavity adapted to receive the locking-cone 4. Formed in the tapered wall of the concavity of the base are the channels 5, adapted to receive the upper ends of the triangular legs, which are secured in place by the cone 4, that enters said concavity and bears upon said legs lying in said channels. The locking-cone is secured in place and held forcibly against the legs by a screw 6, passing through the central opening 7 of said cone and screwing into the threaded boss 8 of the base, which depends within the opening 7 of the cone, whereby said parts may be drawn tightly together. The diameter of the opening 7 in said cone is greater than that of the screw, whereby a lateral shifting of the cone is permitted to allow an equal pressure upon the legs should they vary in diameter. The tapped opening through the base 2, which receives said screw, continues unthreaded through said base and forms a socket for the stem 9 of the support 10. Said stem and support are formed of a single piece, the support being the upper end of the stem, bent into such shape as to allow a shoe to be mounted thereon. The curved portion 11 at the rear of the support is designed to receive the heel of the shoe, while the lower transverse portion 12 is adapted to receive the sole, whereby the shoe is supported in a manner best calculated to reveal its lines and shape. The stem 9 may be of any desired length, and, in fact, each rack may have a number of stems of varying lengths, so that the shoe may be supported at any desired elevation. The stem of the support being removably seated in the base 2 allows of the removal and replacing of any of the supports. The stem may also be turned in the socket of the base 2, so as to display the side or front of the shoe, as desired.

Having thus fully set forth my invention,

what I claim as new, and desire to secure by Letters Patent, is—

1. In a display rack, or stand, the combination of a metal base having a tapered concavity in its under face, the conical boss depending centrally within said cavity and a socket passing centrally through said base and through said boss into said concavity the lower portion of said socket being threaded, supporting-legs whose upper ends extend into the concavity in the base, a loose locking-cone adapted to lie in said tapered concavity and to lock the legs between its outer face and the tapered wall of said concavity, a screw passing freely through said locking-cone and screwing into the threaded portion of said socket whereby the cone is securely locked in position to hold the legs in place and the lower end of said socket is closed.

2. In a display rack, or stand, the combination of the legs, a metal base having a tapered concavity adapted to receive the upper ends of said legs, said concavity having channels in the wall thereof in which said legs lie, a detachable locking-cone adapted to enter said concavity and lock the legs in the channels therein, said cone having a large central opening therethrough and a screw of smaller diameter than said opening passing loosely through it and screwing into said base.

3. In a display rack or stand, the combination of the legs, a metal base having a tapered concavity in its under face adapted to receive the upper ends of said legs, said concavity having channels in the wall thereof in which said legs lie, and having a centrally-depending conical boss, a detachable laterally-movable locking-cone adapted to enter said concavity, and lock the legs in the channels therein, said cone having a tapered recess which receives the conical boss of the base, and a screw passing loosely through said cone and into said boss.

In testimony whereof I sign this specification in the presence of two witnesses.

CLARK A. WHITCOMB.

Witnesses:
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