Feb. 23, 1965 E. SVILOKOS 3,170,415

ARCTIC STAND

Filed May 17, 1963

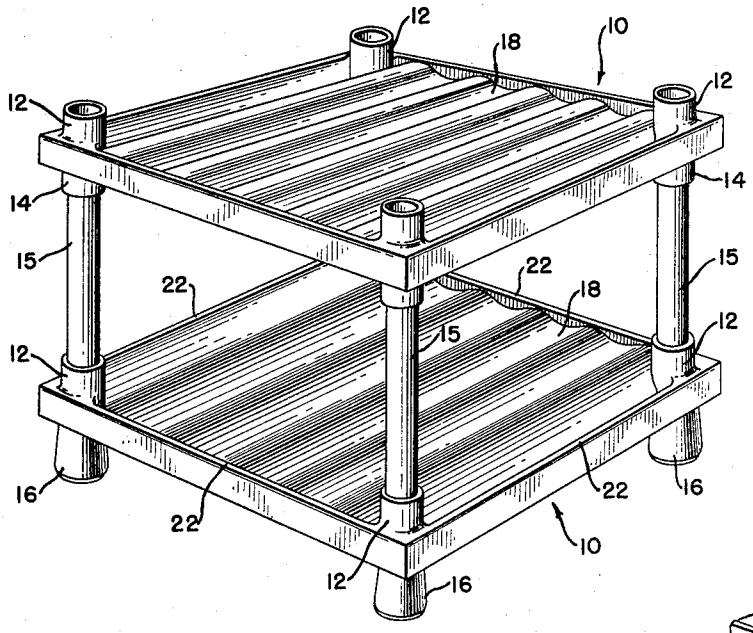


FIG. 1

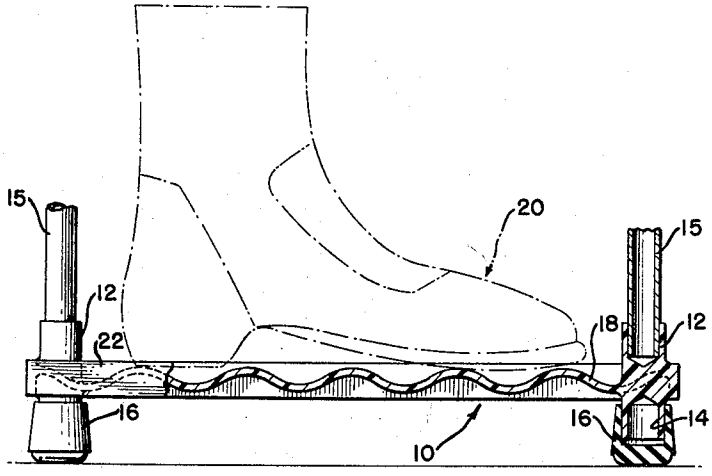


FIG. 2

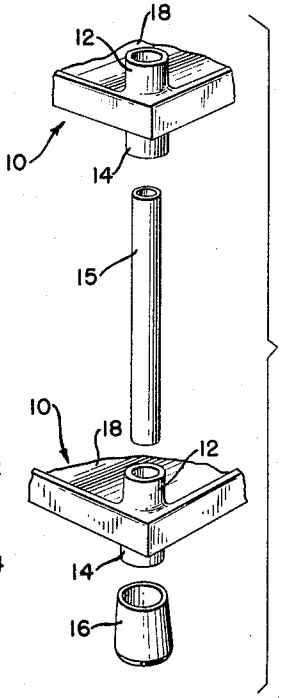


FIG. 3

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ARCTIC STAND

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1 Claim. (Cl. 108—27)

This invention relates to arctic and/or boot racks; and more particularly to an improved rack for holding pluralities of wet arctics, overshoes, boots, rubbers, or the like.

Whereas for use at public building or office or residence entrances, or the like, various type waterproof mats, pans, etc. have been previously devised for temporary reception of wet overshoes and boots, the devices of the prior art have been unsatisfactory in many respects. For example, at entrance-ways to public buildings, office reception rooms, school cloak rooms, and other places wherever large numbers of people come and go in spite of inclement weather, a large capacity rack is required to be used in an area providing restricted space; and the prior art arrangements are quite ineffective and inadequate for such purposes.

It therefore is a primary object of the present invention to provide an improved multi-shelf type boot rack which is adapted to accommodate in separately standing and water-draining manner large numbers of overshoes and the like, while occupying a minimum of floor area.

Another object is to provide a device as aforesaid which comprises any requisite number of identical shelf and intermediate support components, which are adapted to be arranged in vertically stacked relation to provide an overall rack unit of the requisite capacity.

Another object is to provide an improved device as aforesaid comprising pluralities of identical parts which are easily and inexpensively made, but which are individually rugged and resistant to distortion damage even when abused.

By way of example, one form of the invention is illustrated in the accompany drawings wherein:

FIG. 1 is a perspective view of a rack unit of the present invention;

FIG. 2 is a fragmentary side elevational view thereof, with a portion broken away showing the construction in section; and

FIG. 3 is a fragmentary vertically "exploded" view showing the shelf interconnection and vertical support arrangement.

As shown in the drawing herewith, and as explained hereinabove, the rack unit of the invention comprises any required number of vertically spaced shelf members such as are designated 10 in the drawing herewith. The shelf members are of square plan form, and each corner portion is formed with both an upstanding and a downwardly directed socket portion, as indicated at 12, 14, respectively. Thus, vertical legs 15 may be readily slip-fitted at their opposite ends into the socket portions 12–14 of vertically adjacent shelf members, thereby supporting successive shelf members in vertically stacked relation as shown in FIG. 1.

It will, of course, be understood that the lowermost shelf member may be disposed to rest directly upon a floor surface or the like, whereby the socket portions 14 thereunder will support the shelf member at a slight elevation. However, I prefer to provide rubber or plastic

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cup devices as indicated at 16 to slip-fit over the depending socket portions 14 so as to provide a cushioned four-point support system for the rack unit, as illustrated in FIGS. 1 and 2.

The shelf members 10 are preferably formed to each comprise a generally flat but somewhat corrugated floor portion 18 whereby to provide spaced point support means for the arctics or overshoes or the like to be mounted thereon, as indicated for example at 20 in FIG. 2. Thus, water drainage spaces are provided below the wet footwear into which run-off water may drain, thereby benefiting the overshoes while awaiting their next use. An upstanding rim formation as indicated at 22 is provided marginally of each shelf member to close off the water drainage areas.

It will, of course, be appreciated that the various parts of the device of my invention may be fabricated of a variety of materials such as plastic, rubber, metal, or the like; and that whereas only one specific form of the invention has been illustrated and described in detail hereinabove, various changes may be made therein without departing from the spirit of the invention or the scope of the following claim.

I claim:

A storage device for overshoes and the like, comprising,

a plurality of shelf units disposed in vertically spaced and registered relation, each of said shelf units being of rectangular form and having an upstanding side wall extending therearound, a floor joined to and filling the area bounded by said side wall, said floor being of corrugated form with the corrugations thereof extending between opposite portions of said side wall, the corrugations of said floor defining alternate peaks and valleys and being of heights relative to said side wall such that the peaks are disposed below the upper edges of said opposite portions of the side wall and the valleys are disposed above the lower edges of said opposite portions of the side wall, each shelf unit also having a socket assembly at each corner thereof, each socket assembly having an upper socket portion projecting above said side wall and a lower socket portion projecting below said side wall,

and leg members joining said shelf units and maintaining the same in the aforesaid vertically spaced and registered disposition, said leg members being received at opposite ends thereof in opposed socket portions of juxtaposed shelf units.

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