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COMBINATION SEAT AND RACK SUPPORT

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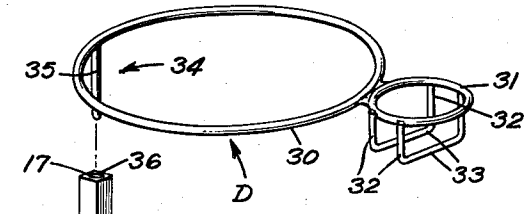


FIG. 1.

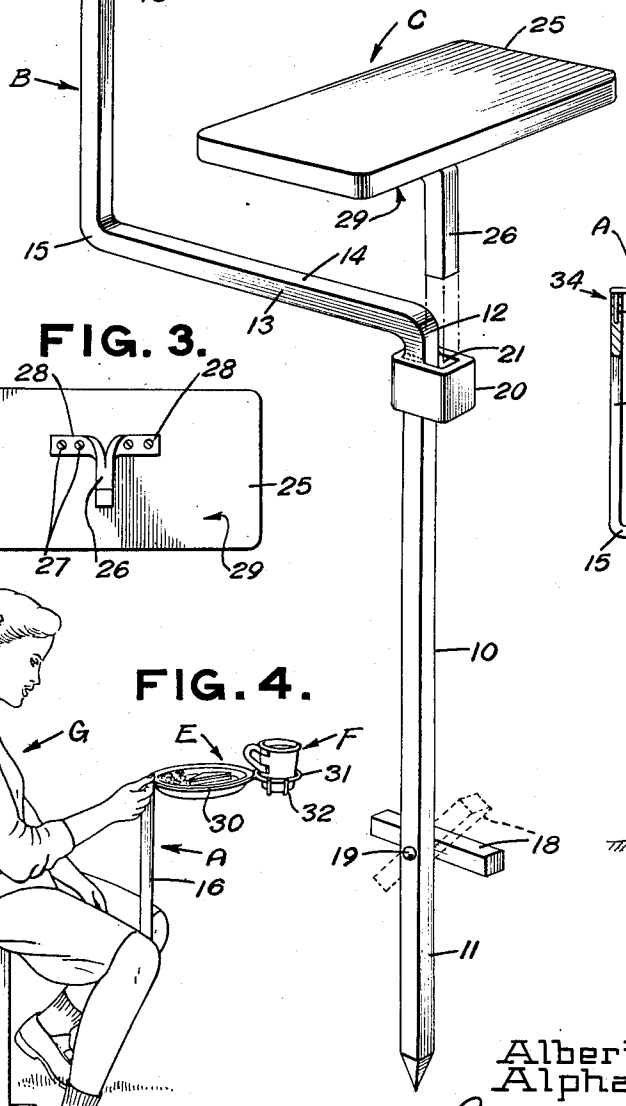


FIG. 3.

FIG. 2.

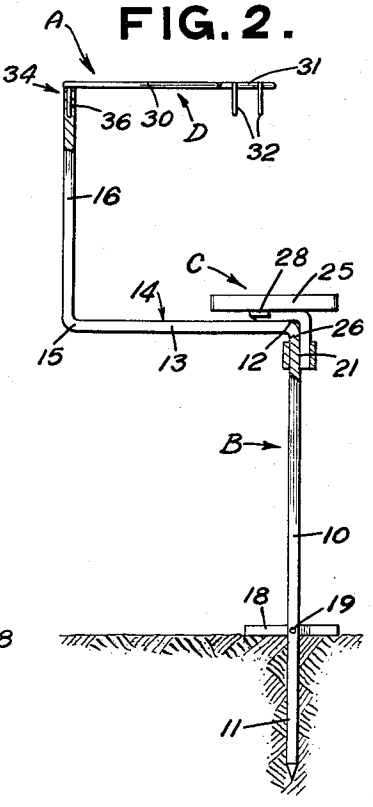


FIG. 4.

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COMBINATION SEAT AND RACK SUPPORT

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3 Claims. (Cl. 155—124)

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This invention relates to improvements in plural supports and more particularly to a pedestal-supported seat and bracket or rack, the latter adapted to support various objects in a plane above that of the seat. One example of the use of such a plural support is to provide a pedestal-supported seat for an occupant, with a rack operatively connected with the pedestal, extending in a plane above the seat and adapted to receive articles as plates, bowls, cups and the like so that the occupant may insert the lower portion of the pedestal in the ground, be seated, and consume food contained in the dishes held by the rack.

An important object of the invention is to provide a support of this kind wherein the several portions thereof are readily detachable, without the use of tools, may be compactly associated for transportation, storage and the like and may be set up for use in a very short time.

Another important object is to provide a support of this kind, in which the rack is pivotally connected with the pedestal, so the former may be rotated 360° in order to position it conveniently for the user and also rotated so as to swing it out of the way of passersby, such as when a plurality of the supports are disposed quite close together, with only limited lanes between them.

A further important object is to provide a support as set out, which is so constructed that it will not be apt to tip when in use as well as when set up but not occupied.

Fig. 1 is a perspective of the new support, with the seat and rack thereof positioned for association with the pedestal.

Fig. 2 is a view, mostly in elevation of the novel support, set up for use.

Fig. 3 is a bottom plan of the seat.

Fig. 4 is a perspective view, illustrating the new support in use.

In the drawing wherein for the purpose of illustration is shown a preferred embodiment of the invention and wherein similar reference characters designate corresponding parts throughout the several views, the letter A designates the new support as a whole, comprising a pedestal B, seat structure C, and rack D, while the letters E and F designate dishes supported by the rack D, and G, an occupant of the support A.

The pedestal B is of bayonet shape, and may comprise a single length of suitable metallic bar stock, shaped, as by bending, to provide an elongated lower section or portion 10 having a lowermost ground-inserted part or portion 11, preferably pointed at its free end, and the lower section 10 is joined at its upper end by an elbow 12 from

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which projects a substantially horizontally-disposed elongated, seat structure supporting, intermediate section or portion 13, having an upper face 14 and terminating in a second elbow 15 from which projects upwardly an elongated upper section or portion 16, having an upper face 17.

The pedestal B may be equipped, at the upper end of the lowermost ground-inserted portion 11, with a stop 18, as a short length of metallic bar stock, pivotally connected intermediate its ends to the pedestal B, as by a pivot pin 19. Being pivoted, the stop 18 is adapted to be disposed upon flat or sloping ground, with the section 10 substantially vertical and, in addition, the stop may be swung into a position with its longitudinal axis paralleling that of the section 10 for positioning it out of the way for packing and the like. Preferably the stop is held by a good frictional contact with the portion 10 so it will take some effort to rotate it. Preferably just below the shoulder 12 is a socketed member 20 which is shown as a heavy metallic strap formed into a rectangle with an opening of very slightly greater width than the thickness of the bar stock forming the section 10 and with this opening of greater length than that of the thickness of the bar stock whereby the rectangular socketed member 20 may be slipped over the section 10, welded thereto, and provide a square socket or slot 21 defined by one wall of the member 20, part of two parallel walls thereof and a portion of the wall of the section 10, with the plane of the socket 21 clear of the elbow 12 and section 13. That is, the socketed member 20 extends away from the section 13.

The seat structure C may comprise a flat metallic plate 25, providing a seat, rectangular in shape, with a projection 26, as of metallic bar stock preferably square in transverse section, and depending from adjacent its axial center. This projection 26 may be secured to the plate 25 in any approved way, as by screws 27, the bar stock being longitudinally severed at its upper end portion to provide bifurcations 28, turned over to form a pair of brackets for attaching purposes as in Fig. 3. The projection 26 is adapted to extend downwardly into the socket 21 for releasably retaining the plate 25 horizontally with a portion of the lower face 29 of the plate resting upon the bracket 26. Thus the weight of the seat plus that of the occupant is not upon the socketed member, tending to prevent the latter from being torn loose.

The rack D is shown as a major ring or hoop

30 and a minor ring or hoop 31 connected together as by welding or brazing at portions of their peripheries so that the ring 31 extends outwardly of the ring 30. Suitable retaining means may be provided for drinking vessels, such as cups and glasses, carried by the ring 31 and this means may be a pair of rods formed to U-shapes with their upwardly extending arm portions 32 joined to the ring 31, as by brazing, and their bights 33 forming supporting surfaces for the bottom of the drinking vessel.

Means 34 for pivotally supporting the rack D by the pedestal B may be a cylindrical lug 35 secured to (as by brazing) the periphery of the ring 30, preferably 180° from the location of the ring 31, and projecting downwardly. It is adapted to be inserted into a cylindrical socket 36 extending into the pedestal section 16 from its upper face 17. By this means 34, the rack D may be swung into any position while in a horizontal plane.

Fig. 2 illustrates the new support A assembled and with the lower end portion 11 inserted into the ground and the stop 18 upon the ground (thus limiting the degree the pedestal may be inserted into the ground). In this view, space is conserved, with the rack D swung over the pedestal section 13.

In Fig. 4, the set up support A carries a plate E and cup F and the rack D is swung to a position away from the occupant G and away from the section 13, with the occupant's legs to either side of the section 13.

If the occupant desires to sit with both legs on the same side of the section 13, the rack D may be swung into a convenient position and the seat structure C may be positioned with the longitudinal axis of the plate 25 paralleling that of the section 13.

From the foregoing, it is now clear, taken with Fig. 1, that the support may be readily disassembled for compact packaging for shipment or other transportation and for storage, it is well balanced, either with or without an occupant, takes up but little room when in use, so that a large number may occupy a limited space, and includes no complicated nor fragile parts.

Various changes may be made to the form of the invention herein illustrated and described without departing from the spirit of the invention or scope of the claims.

What is claimed is:

1. A combination seat and rack support including a one-piece pedestal comprising a single length of bar stock formed into a bayonet shape comprising a lower portion having a ground insertable lower end, an elongated seat structure-supporting portion projecting from the upper end of the lower portion, and an upper rack-supporting portion with its longitudinal axis projecting substantially parallel with the longitudinal axis of the lower portion; a seat structure including a seat and a bracket including a bracket portion projecting downwardly from said seat; and means detachably connecting the seat structure and pedestal comprising a hollow member secured to said lower portion and having an opening snugly accommodating both a part of said lower portion and a part of said bracket with said parts being in intimate side-by-side contact.

2. A combination seat and rack support including a one-piece pedestal comprising a single length of bar stock formed into a bayonet shape comprising a lower portion having a ground insertable lower end and a substantially flat side face, an elongated seat structure-supporting portion projecting from the upper end of the lower portion, and an upper rack-supporting portion with its longitudinal axis projecting substantially parallel with the longitudinal axis of the lower portion; a seat structure including a seat and a bracket including a bracket portion projecting downwardly from said seat and having a substantially flat face; and means detachably connecting the seat structure and pedestal comprising a hollow member secured to said lower portion and having an opening snugly accommodating both a part of said lower portion and a part of said bracket with said parts being in intimate side-by-side contact at parts of said substantially flat faces.

3. A combination seat and rack support including a one-piece pedestal comprising a single length of bar stock formed into a bayonet shape comprising a lower portion having a ground insertable lower end and with said lower portion having a plurality of substantially flat side faces, an elongated seat structure-supporting portion projecting from the upper end of the lower portion, and an upper rack-supporting portion with its longitudinal axis projecting substantially parallel with the longitudinal axis of the lower portion; a seat structure including a seat and a bracket including a bracket portion projecting downwardly from said seat and having a plurality of substantially flat faces; and means detachably connecting the seat structure and pedestal comprising a hollow member secured to said lower portion and having a plurality of flat faces defining an opening snugly accommodating both a part of said lower portion and a part of said bracket with said parts being in intimate side-by-side contact at a substantially flat face of each, parts of others of said flat faces of said hollow member being in contact with parts of others of said flat faces of said lower part; said member being secured to said lower portion at said parts of said others of said flat faces of said hollow member and lower portion.

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