April 4, 1961 J Y M. DOWDY 2,977,953

PORTABLE GRILL

Filed Oct. 7, 1957

Fig. 1

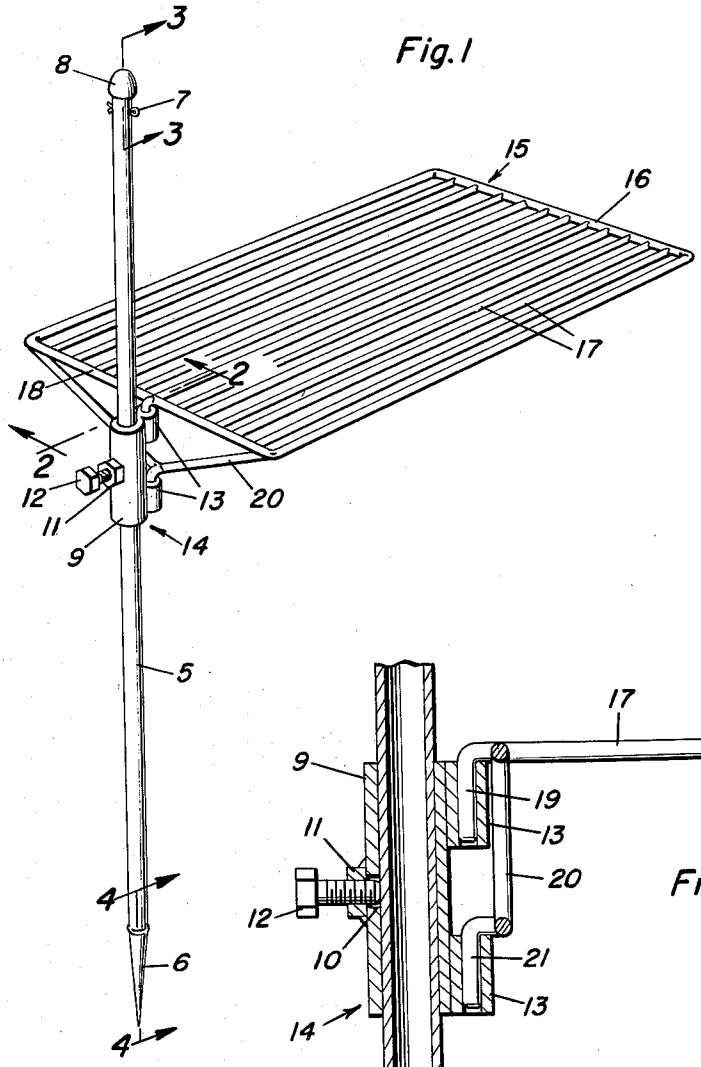


Fig. 4

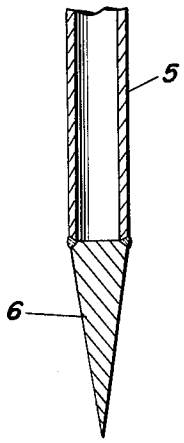


Fig. 2

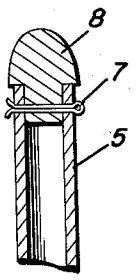


Fig. 3

J Y Miller Dowdy

INVENTOR.

BY Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

United States Patent Office 2,977,953 Patented Apr. 4, 1961

2,977,953

PORTABLE GRILL

J Y Miller Dowdy, 9919 Arleta Ave., Pacoima, Calif.

Filed Oct. 7, 1957, Ser. No. 688,725

1 Claim. (Cl. 126—30)

The present invention relates to new and useful improvements in portable grills particularly for camping, picnics, etc., and has for its primary object to provide, in a manner as hereinafter set forth, a device of this character which may be expeditiously assembled for use and disassembled.

Another important object of the invention is to provide a portable grill of the character described which may be readily adjusted vertically and horizontally to substantially any desired position.

Still another important object of the invention is to provide, in a device of the character set forth comprising a supporting post, novel means for mounting the grill on said post.

Other objects of the invention are to provide a portable grill of the character described which will be comparatively simple in construction, strong, durable, compact, of light weight and which may be manufactured at low cost.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of a portable grill constructed in accordance with the present invention;

Figure 2 is a view in vertical section through the intermediate portion of the assembly, taken substantially on the line 2—2 of Figure 1;

Figure 3 is a vertical sectional view through the upper end portion of the device, taken substantially on the line 3—3 of Figure 1; and

Figure 4 is a view in vertical section through the lower end portion of the device, taken substantially on the line 4—4 of Figure 1.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a tubular post 5 of suitable metal. The post 5 may also be of any desired length and diameter. Fixed on the lower end of the post 5 is a ground penetrating point 6. Removably secured by a cotter pin 7 on the upper end of the post 5 is a protective cap 8.

Mounted for sliding and rotary adustment on the post 5 is a metallic sleeve 9. The sleeve 9 has formed in an intermediate portion thereof an opening 10. A nut 11 is fixed on the sleeve 9 over the opening 10. The opening 10 accommodates a setscrew 12 which is threaded through the nut 11 for engagement with the post 5 for securing the sleeve 9 in adusted position thereon. Also fixed on the sleeve 9 is a pair of spaced, vertically aligned tubular bearings 13.

The members 9 to 13, inclusive, provide what may be considered a bracket 14 for adjustably and removably mounting a grid 15 on the post 5. The grid 15 includes a substantially rectangular frame 16 of suitable metal having mounted therein a plurality of spaced parallel, longitudinal rods or bars 17. Fixed on the inner end 18 of the frame 16 is a downturned spindle 19 which is journaled in the upper bearing 13. Fixed beneath the inner end 18 of the frame 16 is a substantially V-shaped brace 20. A spindle 21 on the angle of the brace 20 is engaged in the lowermost bearing 13.

It is thought that the use of the device will be readily apparent from a consideration of the foregoing. Briefly, the sleeve 9 is adjusted to the desired position on the post 5 and secured by tightening the setscrew 12. The spindles 19 and 21 are then inserted downwardly in the bearings 13 for mounting the grid 15 for swinging movement in a horizontal plane on the post 5. Of course, the post 5 has been previously driven into the ground to the desired depth. This is facilitated by the ground penetrating point 6 on the lower end of the post 5. Damage to the upper end of the post 5 when driving same into the ground is prevented by the cap 8. Articles or products to be heated or cooked are placed on the grid 15 in an obvious manner. The grid 15 may be readily swung over or away from the fire.

From the foregoing, the construction and operation of the device will be readily understood and further explanation is believed to be unnecessary. However, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

A portable picnic grill comprising a vertical post, a rotatably and slidably adjustable sleeve on said post, a pair of spaced, vertically aligned tubular bearings on said sleeve, a metallic grid comprising a rectangular frame including end members and a plurality of spaced, parallel rods extending between said end members, a downturned spindle at a midpoint on one of said end members journaled in the upper bearing, a V-shaped bar beneath said one end member having its ends affixed to the end portions thereof, and a downward spindle on said V-shaped bar at its vertex and journaled in the lower bearing for mounting the grid for horizontal swinging movement on the post in conjunction with the first named spindle.

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