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OIL DRUM SUPPORT

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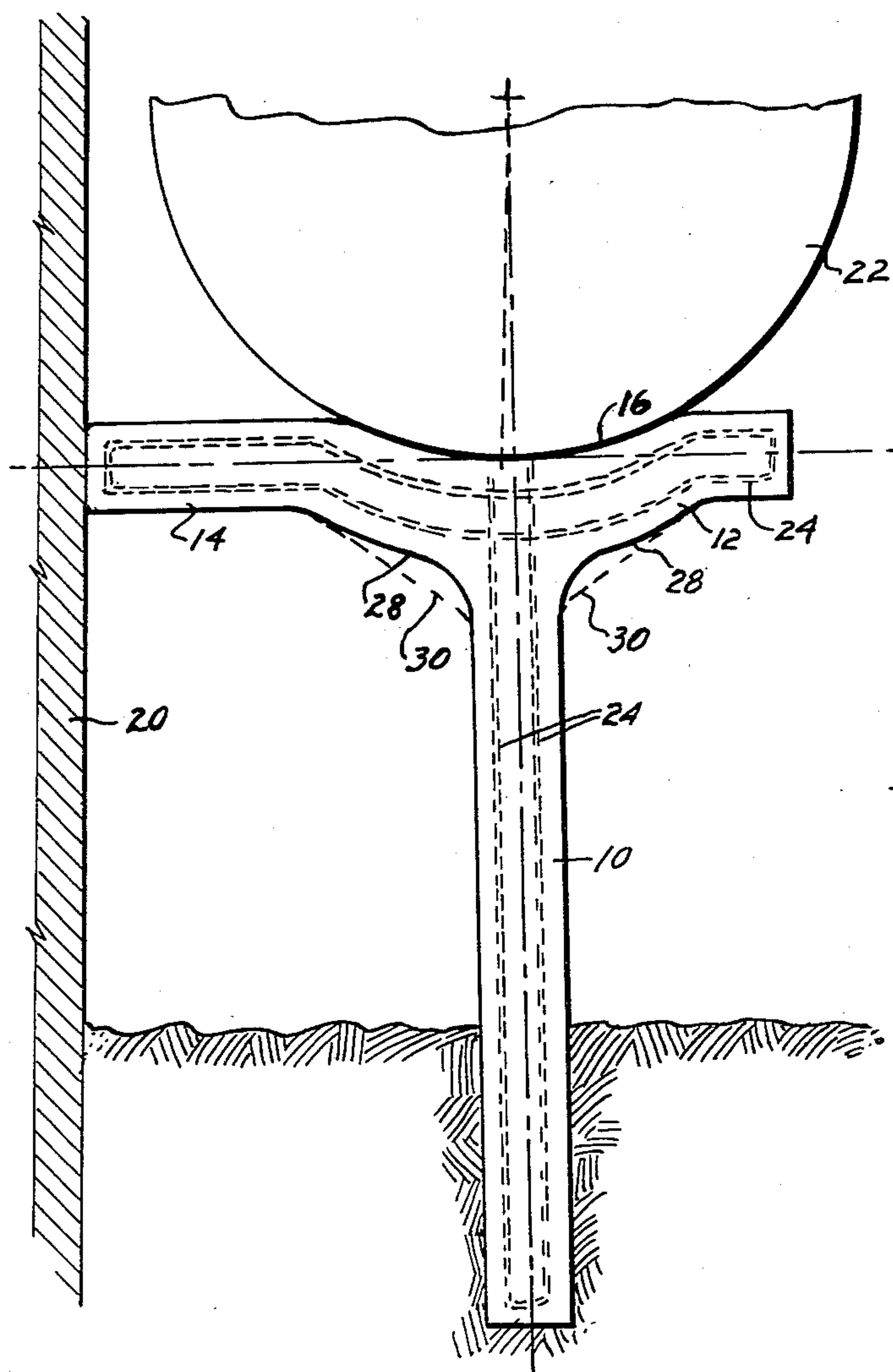


Fig. 1

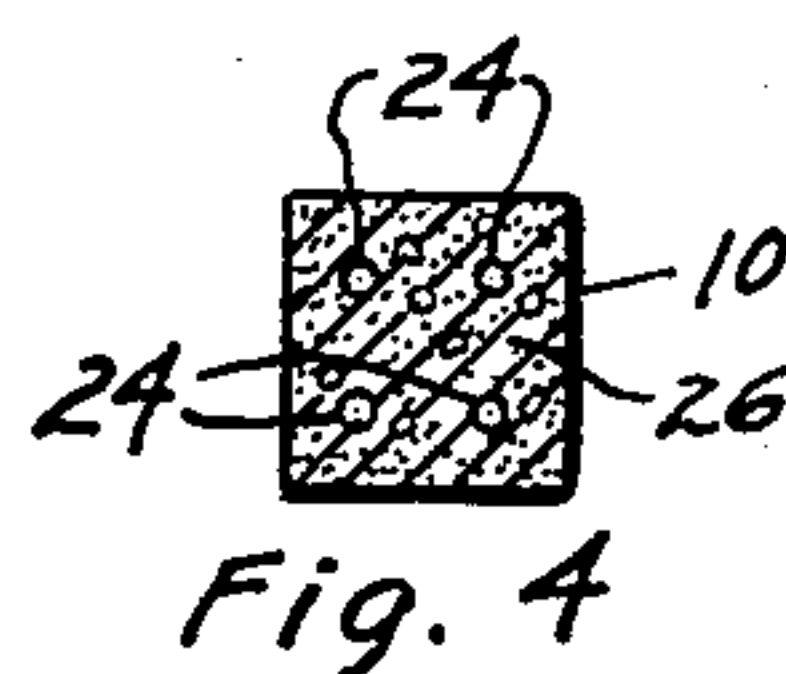


Fig. 4

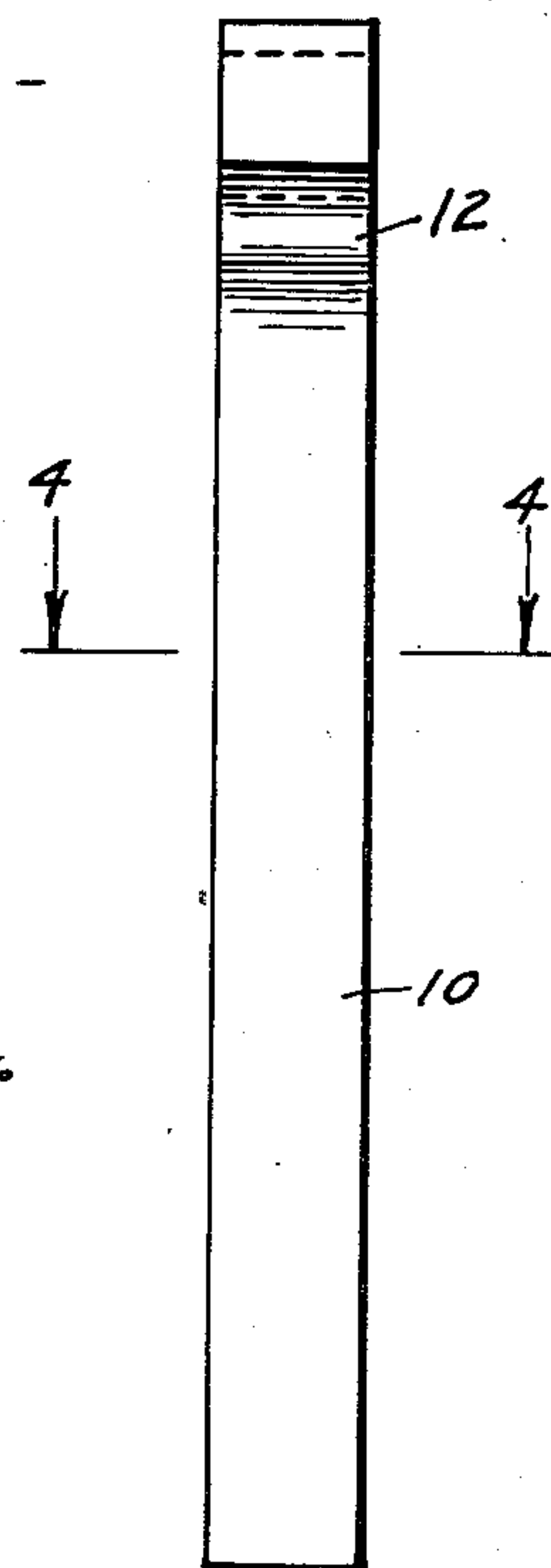


Fig. 2

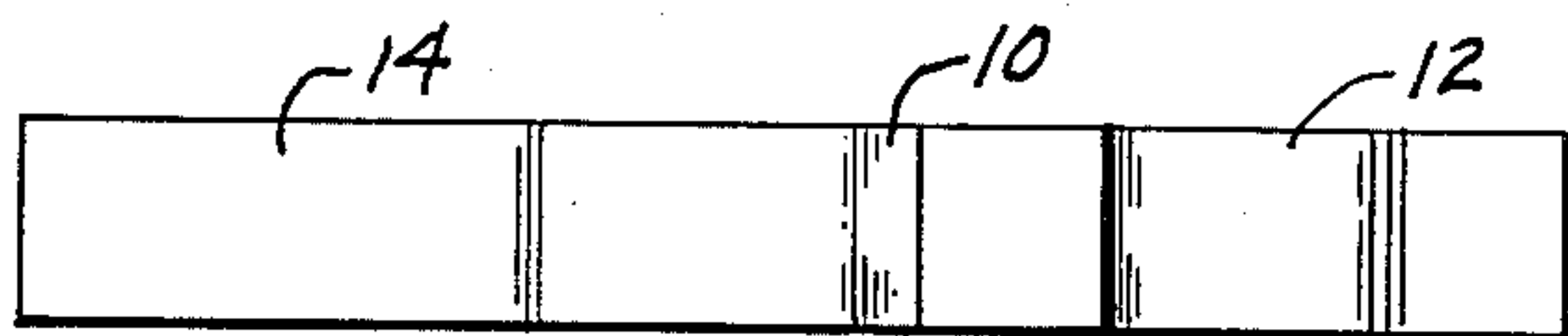


Fig. 3

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5 Claims. (Cl. 50—25)

This invention relates to bracket support posts of the type adaptable for mounting oil drums or tanks alongside a dwelling at a desired level above the floor to provide gravity feed of fuel oil to heaters and cooking stoves in the dwelling.

The object of the present invention is to construct a simple bracket support post with cross bar portions extending substantially horizontally in opposite directions from the top of the post and forming a depression over the post, in which the oil drum or tank is supported, one of said cross bar portions being extended to a distance sufficiently to permit it being leaned against the side of the dwelling and still hold the tank clear of the wall, when the post is set up in supporting position.

A further object is to make this bracket post of one piece construction.

A further object is to make this post of concrete or other suitable material.

A further object is to make this post of reinforced concrete construction.

Other and more specific objects will be apparent in the following detailed description of a preferred form of the present invention as illustrated in the accompanying drawings, wherein:

Fig. 1 is an elevational view of the bracket support post shown set up against the side of a building to form one of a pair of supports for an oil drum or tank,

Fig. 2 is a side view of this form of bracket post,

Fig. 3 is a bottom view thereof, and

Fig. 4 is a cross-section taken on the line 4—4 of Fig. 2.

The form of device shown in the drawing for purposes of illustrating this invention has an upright post 10, substantially square in cross-section, though it may be rectangular, round or any other suitable shape. A pair of cross arms 12 and 14 extends substantially horizontally in opposite directions from the top of the post, and to form a depression 16 of arcuate form corresponding to the radius of the drum to be supported therein. This depression, however, may be V-shaped or any other suitable form for supporting drums or tanks of other sizes and shapes in the same manner, it being understood that normally two of these devices would be set up and spaced along the wall 20 to form a saddle support for the oil drum or tank 22.

The inner cross arm 14 is made longer than the outer cross arm 12, its length being sufficient to hold the tank 22 clear of the wall 20, when the end of the cross arm

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14 is leaned against the wall 20, the post 10 being set up in slightly tilted position toward the wall.

The post holes for a pair of these devices are normally dug to the proper depth to raise the tank 22 to the required level above the equipment to be supplied with fuel oil by gravity from the tank. The posts are then set into the holes, the ends of their longer cross arms being leaned against the wall 20 and the holes filled and tamped to fix the bracket posts firmly in place and the support rack is ready for mounting the oil drum or tank.

The many advantages of using this type of bracket support posts to make a sturdy support rack for oil drums and the like, are obvious. They are simpler in construction, cheaper to make and easier to install than devices heretofore used for this purpose.

While these bracket posts may be made of any suitable material, it has been found that reenforced concrete construction is very desirable because of its easy making, cheapness and sturdiness and durability, as well as appearance.

The reenforcing rods 24 may be arranged as shown, in the concrete 26, or in any other well known manner in accordance with common practice in the art. The cross arms, instead of having arcuate portions 28, to form a circular depression 16, may be made straight and inclined as indicated by dotted lines 30 to form a V-shaped depression.

Many other obvious modifications in form and construction of the devices may be made without departing from the spirit and scope of the present invention.

What is claimed is:

1. A bracket post for supporting an oil drum or the like at each of two or more axially spaced points along the drum, comprising a post having cross arms at the top, extending in opposite directions and forming a depression for the oil drum substantially centered over the axis of said post, one of said arms being longer than the radius of the drum to be supported by said post, so as to hold the drum clear of any wall against which the end of this arm rests when the post is set up in the ground in a slightly tilted position toward said wall, so as to receive some lateral support therefrom through said arm, the other arm being shorter so as to further assure an imbalance toward said wall.

2. A bracket post as defined in claim 1, said post and cross-arms having a substantially rectangular cross-section, and said depression being curved to substantially the radius of the drum to be supported by said post.

3. A bracket post as defined in claim 2, said post and cross-arms having a substantially square cross-section.

4. A bracket post as defined in claim 3, said post and cross-arms being made of concrete material.

5. A bracket post as defined in claim 4, said post and cross-arms having reenforced concrete construction including metal rod structure running axially adjacent each corner of the square cross section.

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