Jan. 15, 1935. H. A. DORING 1,987,995

CHRISTMAS TREE STAND

Filed Sept. 20, 1933

Fig. 1.

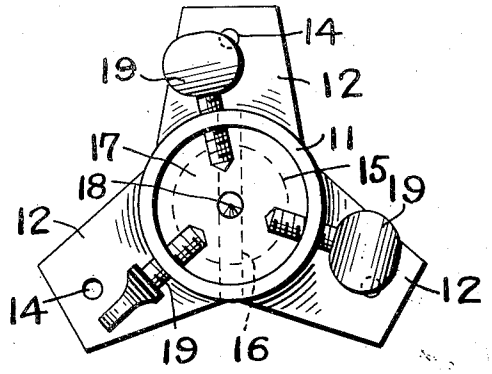


Fig. 2.

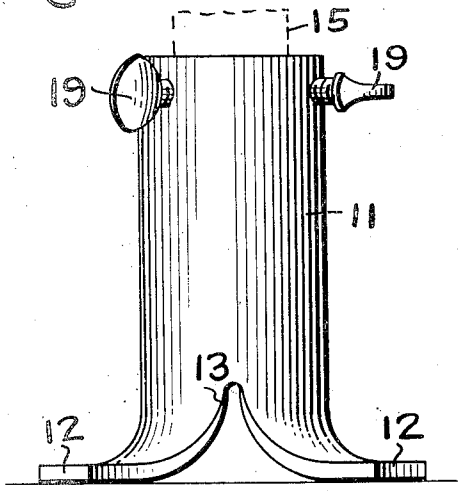


Fig. 3.

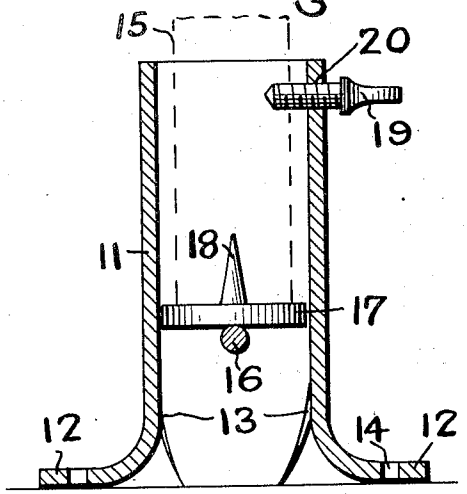
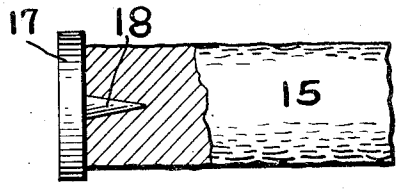


Fig. 4.



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CHRISTMAS TREE STAND

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Application September 20, 1933, Serial No. 690,193

2 Claims. (Cl. 248—38)

This invention relates to improvements in Christmas tree holders or stands.

An object of the invention is to provide an improved holder or stand for Christmas trees and the like which is composed of few parts.

Another object of the invention is to provide an improved Christmas tree holder or stand having its main body portion formed from a piece of steel pipe or tube.

Another object of the invention is to provide an improved holder or stand of the type specified in which the base of the tree is supported by a rod or bar arranged transversely of the tubular body portion of the holder.

Another object of the invention is to provide an improved holder or stand of the character mentioned, which is simple in construction, and reliable and exact in function under all conditions of service.

The invention also comprises certain new and useful improvements in the construction, arrangement and combination of the several parts of which it is composed, as will be hereinafter more fully described and claimed.

In the accompanying drawing;—

Figure 1 is a plan of a Christmas tree holder or stand constructed according to the invention;

Fig. 2 is an elevation of the device shown in Fig. 1;

Fig. 3 is a vertical longitudinal section of the Christmas tree holder or stand; and

Fig. 4 is a view showing the manner of fastening the supporting disk in the tree preparatory to placing the tree in the holder or stand.

In another application for Letters Patent filed by me on even date herewith, Serial Number 690,192, I have shown an apparatus for rotatably supporting a Christmas tree, the tree being shown mounted in a holder or stand of the present invention which is carried by the rotatable member of the above mentioned apparatus. Since the holder or stand can be used with or without the rotatable apparatus, the present application relates to the structural features of the holder or stand.

Referring to the drawing, the improved Christmas tree holder or stand may comprise a main body portion 11, which is preferably formed from a suitable length of steel pipe or tubing of any desired diameter. It has been found that the use of steel tubing reduces the cost of manufacture to a minimum.

In order to provide means for fastening the main body portion 11 to a suitable support, such as a floor, board, table, or the like, feet 12 are provided.

The feet 12 may be readily formed by cutting slits 13 lengthwise in one end of the pipe or tubing which is used in forming the body portion 11. After the slits are formed the edges of the metal are finished smooth. The end portions thus formed by the slits 13 are then bent outwardly, as shown in Figs. 2 and 3 to form the feet 12.

In the present instance the holder or stand 11 is shown as being formed with three feet 12, however, it will be understood that any greater number of feet may be formed when so desired. For all practical purposes three feet 12 will be sufficient.

As shown in Figs. 1 and 3, openings 14 are formed in the feet 12, through which screws or other fastening elements (not shown) can be inserted for securing the holder or stand 11 to its support.

The tree 15, indicated by broken lines in Figs. 1, 2 and 3 and by full lines in Fig. 4, is supported on a rod or bar 16 which is arranged transversely across the body portion 11, a suitable distance above the bottom thereof.

A disk 17 slightly less in diameter than the holder has a sharpened prong 18 at its center. The disk 17 is attached to the lower end or base of the tree 15 by driving the prong 18 into the end before the tree is mounted in the holder, and the tree with the disk 17 at the end thereof is placed in the holder or stand 11 in an upright position, with the disk 17 resting on the rod or bar 16, as shown in Fig. 3.

For the purpose of rigidly securing the tree 15 in the holder or stand 11, I prefer to use a plurality of thumb screws 19. The thumb screws 19 are secured in screw threaded engagement with corresponding holes or openings 20 formed in the tubular body portion 11, near the top thereof.

The inner ends of the thumb screws 19 are pointed so that they can be forced into the trunk of the tree, as shown in Figs. 1 and 3, and thereby prevent dislodgment of the tree from the holder.

In practice, I have used three thumb screws 19, positioned at equal distances from each other, but my invention contemplates the use of any desired number of supporting screws.

As shown in Fig. 1, the thumb screws 19 overlie the feet 12, said screws being offset slightly from the openings 14 in the feet, so as to permit use of a screw driver or other implement (not shown) in order to fasten the holder or stand 11 to its support.

Among the advantages obtained by the present invention are: fewer parts used in constructing the device; light, strong and rigid body had by using a suitable length of steel pipe or tubing; and the use of the rod or bar as the sole support for the disk attached to the base of the tree.

While one illustrative embodiment of the invention has been described in detail, it is not my intention to limit the scope to that embodiment or otherwise than by the terms of the appended claims.

Having thus described my invention what I claim is:—

1. A Christmas tree holder comprising an annular tubular body portion open at both ends and formed with a plurality of feet spreading laterally from the body portion, said feet being formed by cutting a plurality of slits in the lower end portion of the body and bending the slitted portions of the material outwardly, the opening of the body being of a size and shape to freely and loosely receive the butt end of a Christmas tree, a transverse rod driven diametrically through the body portion above the feet thereof to serve as a support at the lower end of the body, a disc movable into and from the body portion when resting upon said rod, a single central prong extending from the upper side of said disc to be driven into the butt end of the tree to fixedly hold and position the extreme end of the butt of the tree within the body portion, said rod constituting a support and stop to limit downward movement of the disc, and a plurality of adjusting screws carried by the upper part of the body portion to engage with the trunk of the tree and adjustably clamp the tree in desired upright relation within the holder.

2. A Christmas tree holder comprising a tubular body portion open at both ends and formed with a plurality of feet spreading laterally from the lower part of the body portion, a transverse rod driven diametrically through the body portion above the feet thereof, a disc movable into and from the body portion, a single central prong extending from the upper side of said disc to be driven into the butt end of the tree to fixedly hold the disc on the butt of the tree, said rod constituting the sole support of the tree in the holder, and a plurality of adjusting screws carried by the upper part of the body portion to engage with the trunk of the tree and adjustably clamp the tree in desired upright relation within the holder.

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