

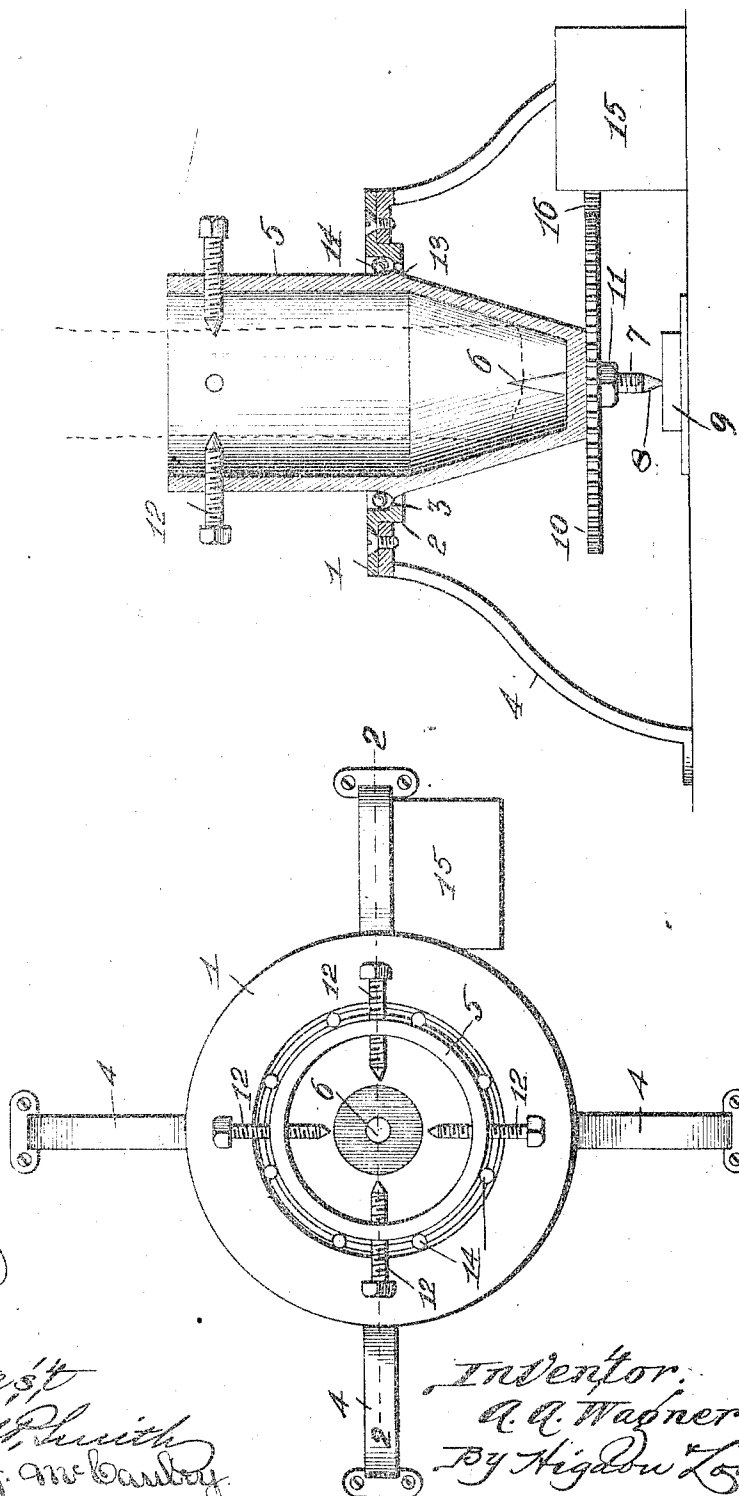
No. 626,514.

Patented June 6, 1899.

A. A. WAGNER.
CHRISTMAS TREE STAND.

(Application filed Dec. 5, 1898.)

(No Model.)



UNITED STATES PATENT OFFICE.

ALFRED A. WAGNER, OF ST. LOUIS, MISSOURI.

CHRISTMAS-TREE STAND.

SPECIFICATION forming part of Letters Patent No. 626,514, dated June 6, 1899.

Application filed December 5, 1898. Serial No. 698,305. (No model.)

To all whom it may concern:

Be it known that I, ALFRED A. WAGNER, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Christmas-Tree Stands, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to Christmas-tree stands; and it consists of the novel construction, combination, and arrangement of parts hereinafter shown, described, and claimed.

Figure 1 is a plan view of my improved Christmas-tree stand. Fig. 2 is a vertical sectional view taken approximately on the line 2 2 of Fig. 1.

In the construction of the device, as shown, 1 indicates a flat ring, the inner edge of which is provided with a downwardly-pending flange 2, the lower end of which flange is extended inwardly a slight distance, as indicated by 3. This ring 1 is mounted upon suitable legs or standards 4.

5 indicates a metallic cup, in the center of the bottom of which is an upwardly-projecting spur or attenuated pin 6, and projecting downwardly from the lower end of said cup is a screw-threaded pin 7, the lower end of which is formed into a conical bearing 3, that engages upon a suitable bearing-plate 9. Located upon the pin 7, immediately against the under side of the cup 5, is a gear-wheel 10; the same being locked in position by means of a nut 11, that is located upon the screw-threaded pin 7.

Passing through the wall of the upper end of the cup 5 at equal distances apart are screw-bolts 12, the inner ends of which are attenuated, and formed on the exterior surface of the cup at a point in alinement with the lower end of the flange 2 is an outwardly-projecting rib or flange 13.

When the cup 5 is correctly positioned within the frame comprising the ring 1 and the standards 4, a plurality of balls 14 are interposed between said cup and the flange 2, said balls resting upon the inwardly-projecting flange 3 and outwardly-projecting flange 13, and thus a ball-bearing is formed between the ring 1 and cup 5.

A suitable motor 15 is secured to one of the legs or standards 4, and projecting a slight distance from said motor is a driven pinion 16, which meshes with the gear-wheel 10.

When my improved Christmas-tree stand is in use, the lower end of a tree is located in the cup 5, and said tree is centered in said cup by engaging said lower end upon the spur or attenuated pin 6, after which the screw-bolts 12 are so manipulated as that they will engage in the portion of the tree opposite the upper end of the cup 5. After the tree has been so positioned the motor 15 is started, and as the pinion 16, carried by said motor 15, meshes with the gear-wheel 10 rotary motion is imparted to said gear-wheel 10 and the cup 5, and the entire Christmas tree is slowly rotated. If desired, water may be placed in the cup 5, which water is naturally absorbed by the tree, thereby keeping the tree in a comparatively fresh state for a considerable length of time.

A Christmas-tree stand of my improved construction occupies but little floor-space, is simple in construction and operation, holds the tree in a perfectly upright position, and displays the tree and lights and decoration carried thereby in an attractive and pleasing manner.

I claim—

A Christmas-tree stand, comprising the ring 1, legs supporting said ring, the flange 2 integral with and projecting downwardly from the inner edge of said ring, the flange 3 projecting inwardly from the lower edge of said flange 2, the cup 5 loosely arranged within said ring 1, the flange 13 projecting outwardly from said cup in alinement with the flange 3, the balls 14 arranged between the flange 2 and the periphery of the cup 5, which balls rest upon the flanges 3 and 13, means carried by said cup for engaging the lower end of the tree-trunk, and means whereby said cup is rotated, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

ALFRED A. WAGNER.

Witnesses:

JOHN C. HIGDON,
M. P. SMITH.