M. KOZLOWSKI.

CLOTHES TREE.

APPLICATION FILED JUNE 2, 1919.

1,358,756.

Patented Nov. 16, 1920.

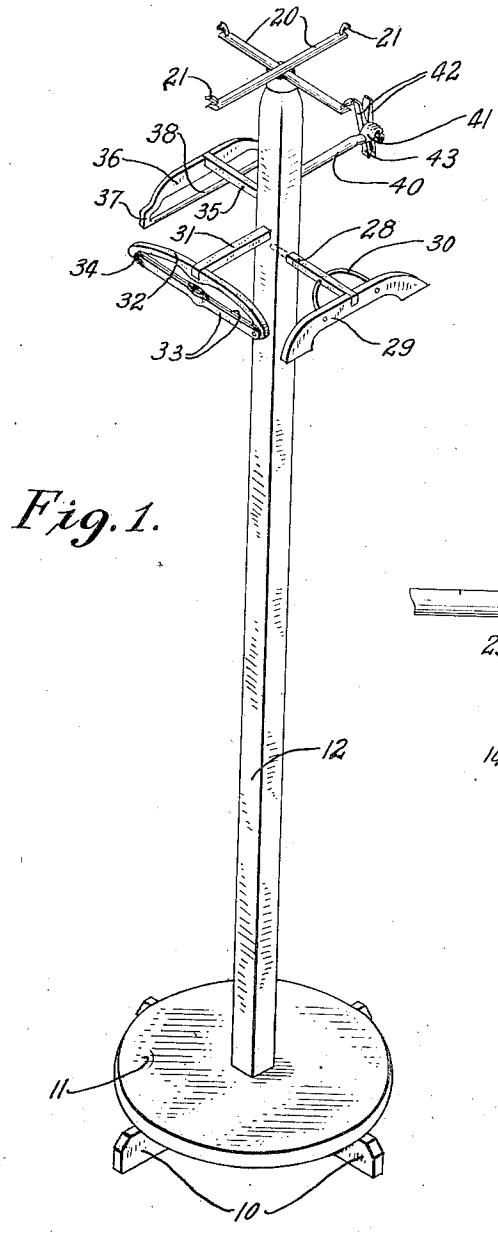


Fig. 1.

Fig. 3.

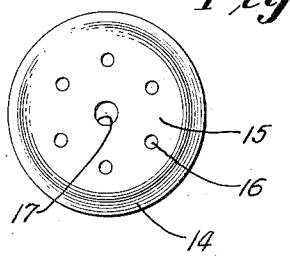
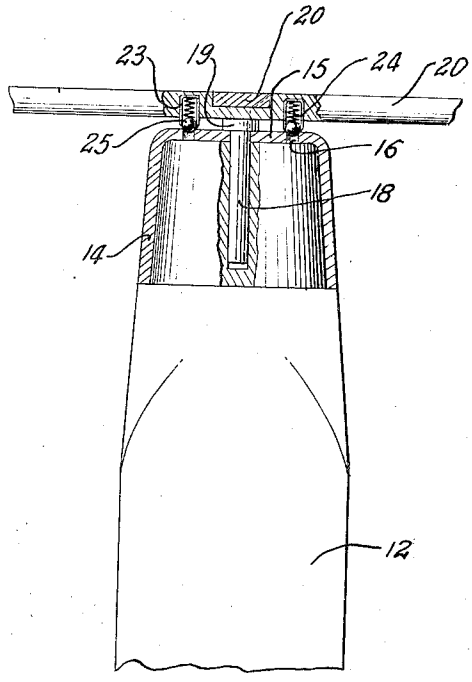


Fig. 2.



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CLOTHES-TREE.

1,358,756. Specification of Letters Patent. Patented Nov. 16, 1920.

Application filed June 2, 1919. Serial No. 301,331.

To all whom it may concern:

Be it known that I, MICHAEL KOZLOWSKI, a citizen of Poland, residing at Milwaukee, county of Milwaukee, and State of Wisconsin, have invented certain new and useful Improvements in Clothes-Trees, of which the following is a specification.

This invention relates to improvements in articles of furniture and particularly to clothes trees.

The principal object of the invention is to provide an apparatus capable of supporting a variety of garments, such as hats, coats, gloves and the like in a convenient manner, whereby each article is readily accessible.

A further object is to arrange a part of the device so that it can be rotated readily and easily in a novel manner.

These and other like objects are attained by the novel construction and combination of parts hereinafter described and shown in the accompanying drawings, forming a material part of this disclosure, and in which:—

Figure 1 is a perspective view showing a clothes tree made in accordance with the invention.

Fig. 2 is a partial vertical sectional view through the upper portion of the clothes tree, and

Fig. 3 is a top plan view of the supporting element.

Referring to the drawings, the clothes tree consists of a pair of transversely disposed strips 10, resting upon their lower edges and supporting a disk or plate 11, from the center of which rises a standard 12, here shown to be rectangular but which obviously may be of any preferred cross section whatever.

Secured to the upper part of the standard or upright 12 is a band or ferrule like element 14, formed with a circular cap 15, having a plurality of small openings 16, in addition to the central opening 17 through which passes a stem 18, the same extending downward into the upper portion of the standard 12.

The stem 18 is formed with a collar 19, to which are secured cross arms 20 having raised projections 21 at their outer ends. These arms 20 are preferably adapted to have hats, caps and the like disposed thereon, said projections 21 being used to aid in supporting such wearing apparel thereon.

Formed in the arms 20 are openings receptive of sockets 23, containing coiled compression springs 24, the lower ends of the sockets being contracted to hold within them balls 25, pressed normally downward by the springs 24, the lower periphery of the balls being adapted to engage with the openings 16 in the manner of spring detents, so as to hold the arms 20 from rotating, except that force be applied to them, the balls being pressed by the springs so as to partially enter the openings in a manner which will be readily understood. The lower sides of the arms are thus arranged closely to the cap 15.

From the foregoing description it will be seen that each rotary arm is provided with a yielding bearing element disposed at a predetermined distance from the collared stem to thus serve as an auxiliary means of balancing and supporting the rod of the revolving arms in conjunction with the collared stem to prevent clamping of the same. It will also be observed that the sockets 23 in the cap are greater in movement than the spring pressed bearing element, and hence by this arbitrary arrangement, associated with fixed garment supporting apparel arms (to be hereinafter described). The said rotary arms are retarded either in alinement with the fixed arms thereunder or at spaced intervals between these fixed arms. The problem solved by the rotary arms being retarded at predetermined spaces with relation to the fixed arms is, that in many instances it is desirable for convenient access to the upper rotary arm that the user of the rack can reach between the fixed arms to reach one of the rotary arms so as to hang a hat or other article thereupon. The user can then readily hang the garment and swing the arm, for example, one sixth of a turn and bring another arm into position to be used, it being understood that the user at this time is reaching upward between two of the fixed arms. Hence, these features are important to the practical and commercial success of the device as a whole.

Extending out from the standard 12 is a bar 28, supporting a coat hanger 29, which is held rigidly with the bar by curved sup-

port 30. Also extending laterally from the standard 12 is another bar 31 carrying a bow element 32 having pivoted at one of its ends a pair of spring bars 33, catch devices 34, being secured at the other end of the bow shaped structure by which the spring bars 33 may be secured. These bars being adapted to suspend the pants so that the same will hang pendant therefrom preserving their shape.

Another bar 35, extending out from the standard 12, opposite to the bar 28, supports the curved element 36, having downturned ends 37, carrying a rod 38 therebetween, which if preferred may be used for pants by folding thereover, while a coat may be supported by the elements 36.

Another bar 40, extends outward from the standard 12, and terminates in an element 41 to which is pivotally engaged a pair of spring clamps 42, their lower ends 43 being adapted to engage with gloves or the like, whereby they may be supported in such manner as to be readily accessible and exposed to the air.

From the foregoing it will be seen that a neat appearing and serviceable clothes tree has been disclosed, in which the articles supported in the upper end are readily accessible, due to the manner in which the arms may be rotated.

Having thus described my invention what I claim as new and desire to secure by Letters Patent, is:—

In a clothes tree having a standard, a series of radially disposed fixed bars extending therefrom adapted to support articles of clothing; the combination of a cap fitted over the upper end of the standard and having an annular series of recesses greater in number than the fixed bars thereunder, and a central opening formed in the cap, a stem fitted in the central bearing opening provided with a collar adapted to rest upon the cap face, a series of rotary arms extending from the stem collar adapted to receive articles of wear, thimbles mounted in the rotary arms, and spring pressed bearing elements incased within the thimbles and adapted to act as auxiliary balance supports for the rotary arms in conjunction with the stem, and to also serve as retarding means for the rotary arms, whereby they are centered in alinement with the fixed arms or in arbitrary spaced distances between said fixed arms for convenience in access to the adjacent rotary arms.

In testimony whereof I have affixed my signature.

his
MICHAEL × KOZLOWSKI.
mark

Witness:
ADRIAN B. CZERWINSKI.