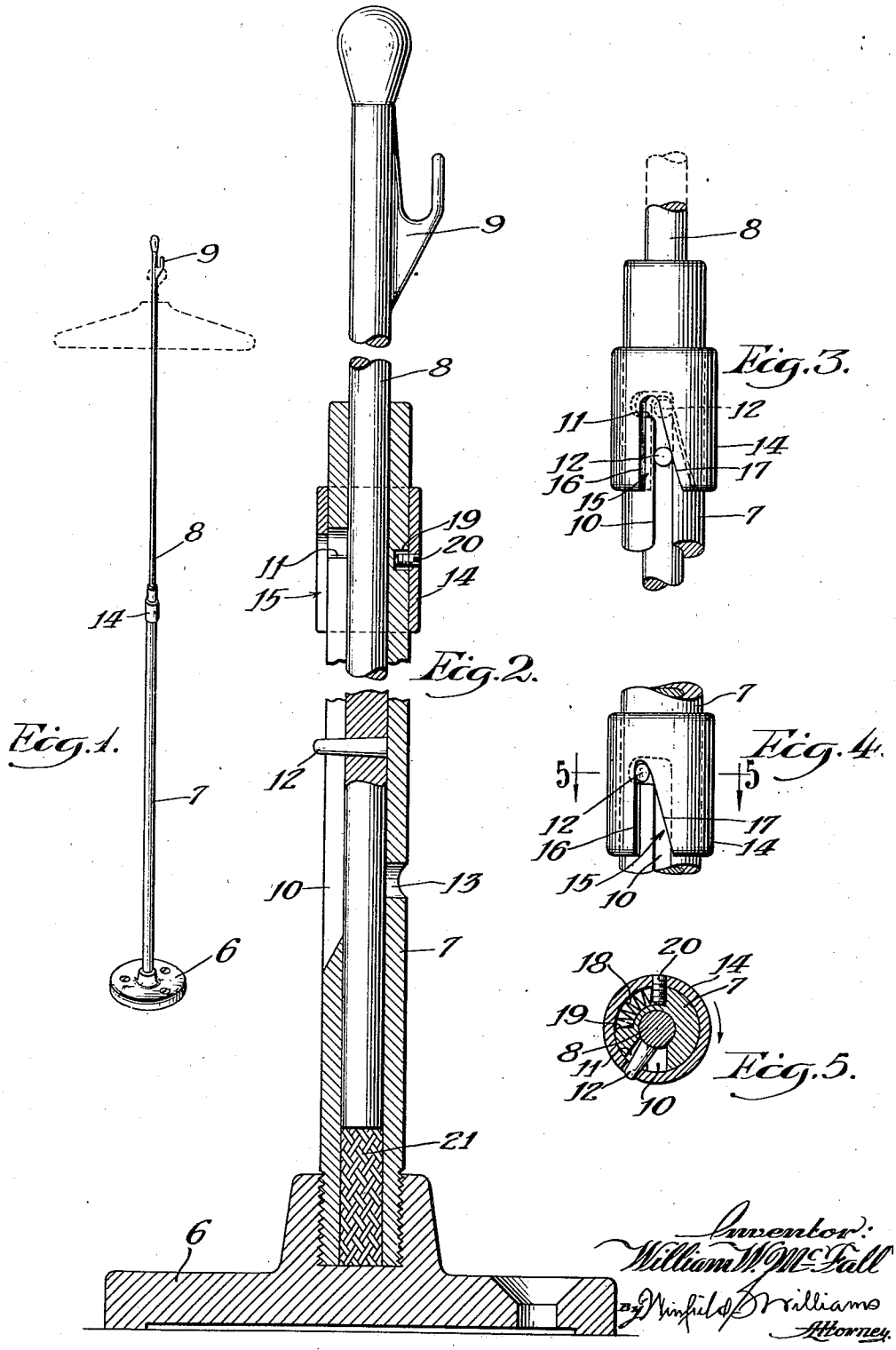
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GARMENT BAGGING APPARATUS

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Inventor:
William W. McFall
By Winfield & Williams
Attorney.

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GARMENT BAGGING APPARATUS

William W. McFall, Mankato, Minn.

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4 Claims. (Cl. 248—161)

My invention relates to a garment bagging apparatus designed to facilitate the enclosure of various types of garments and their accessories: especially where a commonly known type of paper bag is used for that purpose.

The main object of the invention is to provide such apparatus which is comparatively inexpensive to manufacture and which contains features of construction which permit operation of the apparatus in a minimum of time to each piece of bagging.

More specifically, one object of my invention is a garment support having a coat hanger supporting rod telescopically mounted in an upright tubular element with locking means being provided for automatically locking the rod in an elevated position, and in which only a slight rotation of the rod is necessary to automatically release the locking means.

The attached drawing illustrates the device in which,

Fig. 1 is an elevational view of the device, showing in dotted line a standard hanger thereon.

Fig. 2 is an enlargement of the device, in broken portions and sectionally divided.

Fig. 3 is an enlarged view detailing the locking device as shown in the central portion of Fig. 2.

Fig. 4 is a locking portion of Fig. 3, in locked position.

Fig. 5 is a plan section of Fig. 4 at line 5—5.

As illustrated, the device comprises a base 6 having an upright tubular element 7 mounted therein. Within the tubular element 7 a coat hanger supporting rod 8 is slidably mounted. The rod 8 has a hanger hook 9 adjacent its upper end on which is hung an ordinary coat hanger hook. The upper end of the rod 8 is enlarged and rounded to eliminate tearing a hole in the bag as it is drawn down over a garment. 10 is a slot in the tube extending from near the bottom to a socket or shoulder 11 to the left from the upper end of the slot. A tapered stud 12 is inserted in the rod 8 a spaced distance from the bottom of the rod. This stud is seated in the rod 8 through an aperture 13 in the tube 7, the taper end projected into the slot 10 in the tube 7. A locking sleeve 14 is rotatably assembled on the tube 7 immediately adjacent the top of the tube. On one side of the sleeve 14 there is a channel 15 to coact with the stud positioned in line with the slot 10 in the tube 7, immediately adjacent the shoulder 11 in the tube. A vertical side 16 of this channel is primarily out of alignment with the slot 10 in the tube, but a diagonal side 17 of this channel is nominally in substantial alignment with the right hand side of the slot in the tube so arranged that when the stud 12 is drawn upward by the rod 8 it strikes an edge of the diagonal. There is a spring 18 seated in an arcuate notch 19 in tube 7 which is tensioned by a plug 20 seated in the sleeve and projecting into the notch 19. The spring 18 has a tendency to drive the sleeve in a clockwise direction so that when the stud 12 contacts with the incline diagonal 17 the sleeve is forced into a counter-clockwise direction until the stud 12 reaches the top of the slide at which time the tension of the spring 18 forces the sleeve into a position where the stud 12 passes into the shoulder 11 in the tube and locks it therein automatically, thus sustaining the rod 8 in its highest position. To release the rod 8 the slightest turning of the same with the thumb and finger of the left hand instantly forces the stud against the tension of the spring into a position where the stud 12 is released and the rod 8 drops in the tube. 21 is a bumper placed in the bottom of the tube 7 tending to deaden the impact of the rod 8 in its descent.

I claim as my invention:

1. A garment bagging apparatus including an upright tubular element seated in a base, a longitudinal slot along the tubular element terminating in an offset shoulder at the top, a rod slidable in the tubular element bearing a hook at the upper end to coact with a hook of a garment support, the rod bearing a stud slidable along the slot, a sleeve rotatable on the tubular element adapted to automatically lock the stud on the rod in the offset shoulder in the slot.

2. In a garment bagging apparatus comprising an upright tubular element, a rod slidable therein, a garment support on the upper end of the rod, means for locking the rod in an elevated position relative to the tubular element consisting of a sleeve rotatable on the tubular element positioned with relation to the top of the slot by a set screw, spring means in said sleeve impelling it to rotate in one direction, a longitudinal slot in the tubular element, the rod bearing a stud slidable in the slot, an inclined notch in the sleeve adapted to engage the stud as the rod is slid upwardly the stud and inclined notch coacting to automatically effect rotation of the sleeve, a shoulder at the upper end of the slot in the tubular element to which the stud is resiliently urged by the sleeve to a position supported on the shoulder in the slot, rotation of the sleeve automatically releasing the rod.

3. In a garment bagging apparatus a garment

support comprising an upright tubular element, a rod slidable therein, means for automatically locking the rod in an elevated position relative to the said tubular element consisting of a sleeve rotatable on the tubular element and positioned by a setscrew, the tubular element having a longitudinal slot, a stud on the rod projecting into the slot, the sleeve having an inclined notch adapted to be engaged by the stud as the rod is slid upwardly, the stud and the inclined notch coacting to effect rotation of the sleeve, a shoulder at the upper end of the slot in the tubular element, the stud being urged by spring means in the sleeve to a position supported on the shoulder, slight manual reversing of the rod automatically causing the stud and the sleeve to release the stud from said shoulder permitting the stud and the rod to slide to initial position.

4. A garment bagger comprising an upright tubular element, a garment supporting rod slidable therein, a slot longitudinal of the tubular element, terminating in an offset shoulder at the top of the slot, a stud on the rod slidable in the slot in the tubular element, a rotatable collar surrounding the tubular element positioned with relation to the offset shoulder in the slot, a vertical notch in the rotatable collar, resilient means in the tube tensionally impelling the collar in the direction of the offset shoulder in the slot, manual rotation of the sleeve releases the stud from the offset shoulder in the slot.

WILLIAM W. McFALL.