Jan. 29, 1935. J. V. BOSQUE 1,989,073

TRUNK

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Fig. 1.

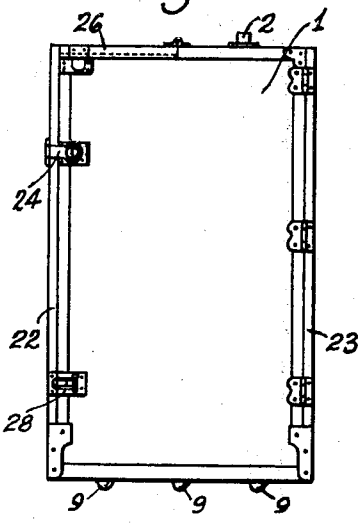


Fig. 3.

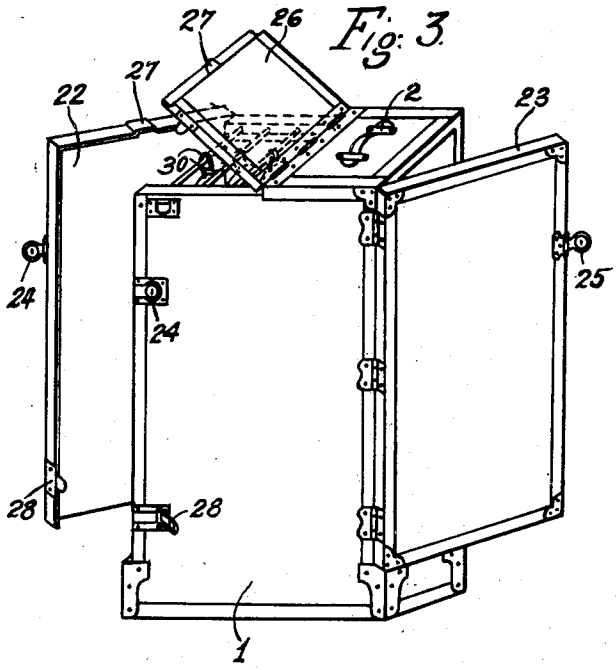


Fig. 2.

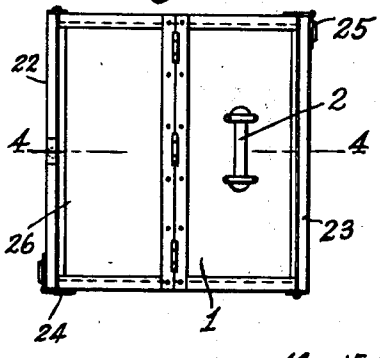


Fig. 6.

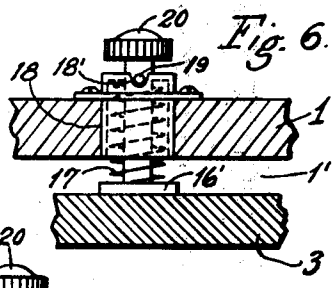
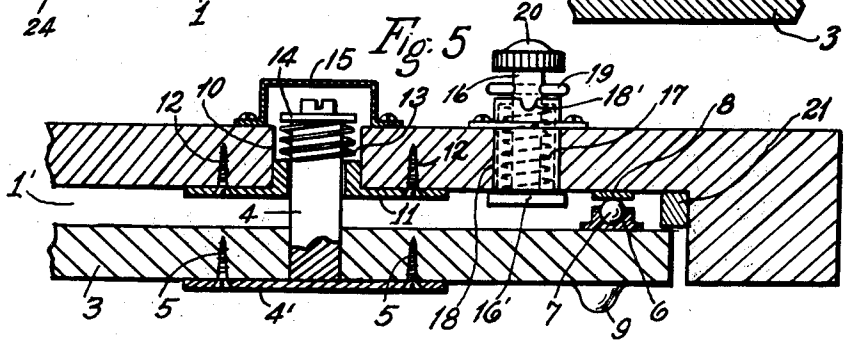


Fig. 5



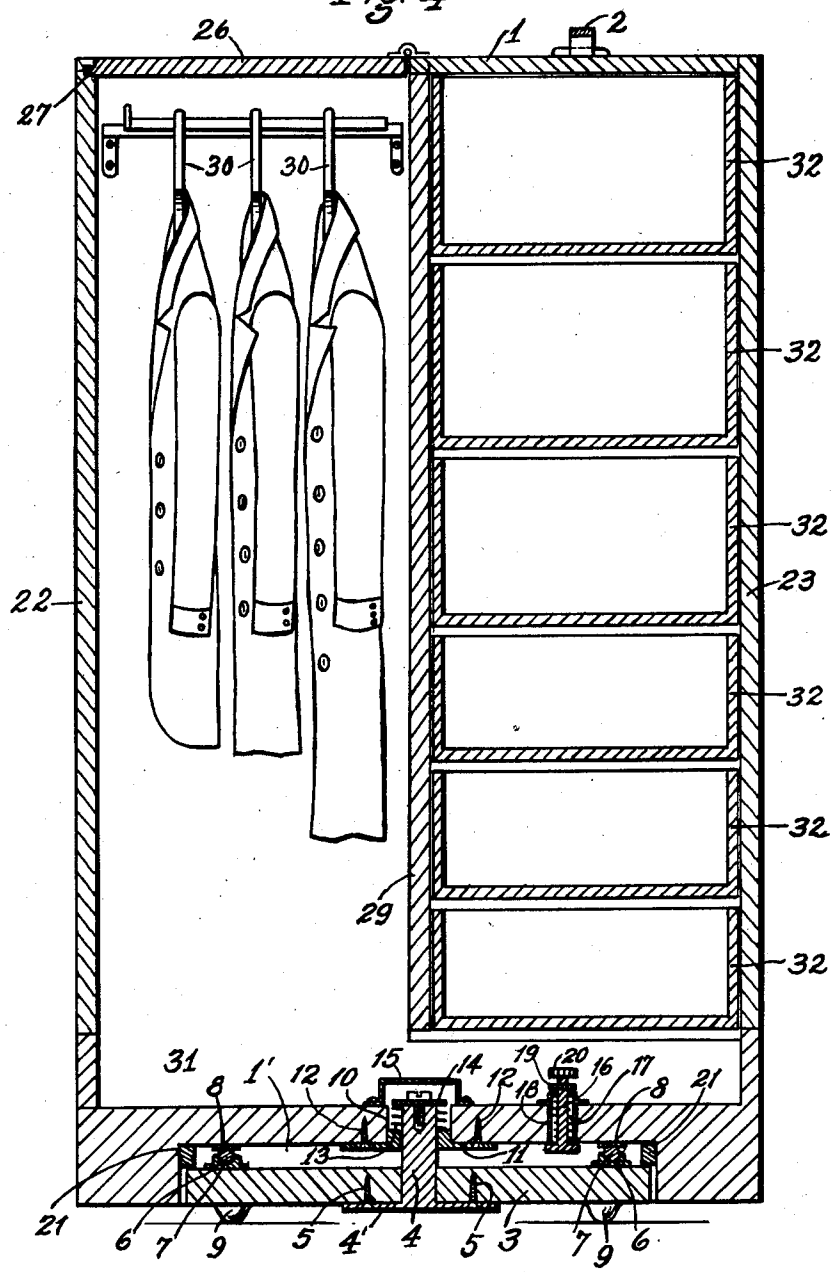
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TRUNK

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Fig. 4



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UNITED STATES PATENT OFFICE

1,989,073

TRUNK

José Vidal Bosque, Santiago de Cuba, Cuba

Application April 7, 1933, Serial No. 665,032

3 Claims. (Cl. 190—38)

This invention refers to trunks, and has for its main object to provide a trunk of the wardrobe type, which has a base on which the trunk may be readily rotated so that access to the interior may be had through both of the sides when open.

A further object of the invention is to provide means to prevent rotation of the trunk, when desired.

A further object of the invention is to provide a trunk of such a type, that it may be used, not only as baggage, but also as a stationary wardrobe for domestic use.

In the drawings:

Figure 1 is a side elevation of a trunk constructed according to the invention.

Figure 2 is a top plan view of same.

Figure 3 is a perspective view, in detail, of the trunk, in an open position.

Figure 4 is a sectional vertical view, on an enlarged scale, according to line 4—4 of Figure 2.

Figure 5 is a sectional, fragmentary view, in detail, on an enlarged scale of the lower part of the trunk; and

Figure 6 is a detail section on an enlarged scale, of the braking means in operative position.

In the accompanying drawings 1 designates the main body of a wardrobe trunk, to which the handles 2 are secured in the usual manner. The base 1 which is connected to the bottom of the trunk is formed with a recess 1' in which is housed a plate 3. The lower face of the plate 3 is provided with blocks or legs 9 which are adapted to support the bottom of the trunk above the floor. The plate 3 is secured through screws 5 to another plate 4' with which is integral a vertical stub shaft 4 mounted through an axial opening in the plate 3 and through the hub of a bearing plate 11 secured by screws 12 to the outer face of the bottom of the trunk, the shaft extending through an opening in said bottom. A spring 13 is coiled about the upper part of the shaft 4, said spring being held under tension by the washer 14 secured to the upper end of the shaft. A casing 15 secured by screws covers the opening in the trunk bottom receiving said shaft.

On the upper face of the plate 3 is secured a set of ball-bearing holders 6, each of them having an individual ball-bearing 7, in rolling engagement with a ring 8 secured to the bottom face of the bottom of the trunk. In said bottom there is an opening through which is secured a bearing hub 18, a stem 16 being mounted therein, and said stem being provided with a friction or brake disc 16'. A spring 17 is coiled around the stem 16 and is confined between the disk 16' and the upper end of the hub 18, said pin 19 being engageable with a slot 18' in the upper part of the hub 18. The stem 16 terminates in a head 20 for convenience of adjustment, as will be explained hereinafter.

A ring 21 made of felt, leather or other suitable material is arranged around the upper part of the recess 1', said ring being intended to prevent access thereinto of humidity, dirt or the like.

The trunk has two lids or doors 22 and 23 hinged on opposite sides of same, being provided with the usual locks 24, 25 and 28.

In the top of the trunk there is another hinged lid 26 which is locked through the usual lock 27.

The trunk is divided into two compartments by a longitudinal partition 29. One of the compartments constitutes a wardrobe and is provided for this purpose with the hangers 30. The lower room of same may be used to keep shoes or other articles.

The wardrobe compartment is accessible through the door 22, and upon opening the lid 26 to the position illustrated in Figure 3 the compartment is conveniently accessible.

The other compartment is accessible through the door 23, as shown in Figure 3, and contains the set of drawers 32.

The stem 16 and disk 16' being in the position illustrated in Figure 5, that is to say, with the pin 19 disengaged from the slot 18' the trunk can be made to rotate around the vertical shaft 4 on the ball-bearing 7, the spring 14 acting upwardly to hold the balls 7 against the ring 8.

When it is desired to prevent rotation of the trunk, for instance, during the conveyance of same, or during a storm at sea, the stem 16 is partially rotated by the head 20, causing the engagement of the pin 19 in the slot 18', the stem 16 being pressed downwardly by the spring 17 until the disk 16' engages on the plate 3, as it is illustrated in Figure 6. Acting in this manner as a brake, the disk 16' will prevent rotation of the trunk around the shaft 4.

I claim:

1. A trunk comprising a bottom member having a recess therein, a bearing member located at the center of said recess, a supporting member positioned in said recess, a shaft carried by the supporting member and rotatably mounted in said bearing member, friction reducing members interposed between the bottom of the recess and said supporting member, a yieldable moisture and dust excluding member interposed between

the wall of the recess and said supporting member, and spring means coacting with said shaft and normally retaining the supporting member in position against the moisture and dust excluding means.

2. A trunk comprising a bottom having a recess therein, a supporting member rotatably mounted in said recess, said supporting member being adapted to rotatably support the trunk in an elevated position, and adjustable means to lock the supporting member against rotation relatively to the trunk and accessible from the interior of the trunk.

3. A trunk comprising a bottom having a recess therein, a supporting member rotatably mounted in said recess, said supporting member being adapted to rotatably support the trunk in an elevated position, means to lock the supporting member against rotation relatively to the trunk, a shaft carried by the supporting member and rotatably mounted in the bottom of the trunk, and friction reducing means interposed between the bottom of the recess and the supporting member, said locking means being supported by the trunk member and including a spring pressed member engageable at any point circumferentially of the supporting member intermediate the shaft and the friction reducing means.

JOSÉ VIDAL BOSQUE.