May 15, 1923. 1,455,063

J. T. BATTS

PACKING AND SHIPPING CASE FOR GARMENTS

Filed March 13, 1922 4 Sheets-Sheet 1

Fig. 1.

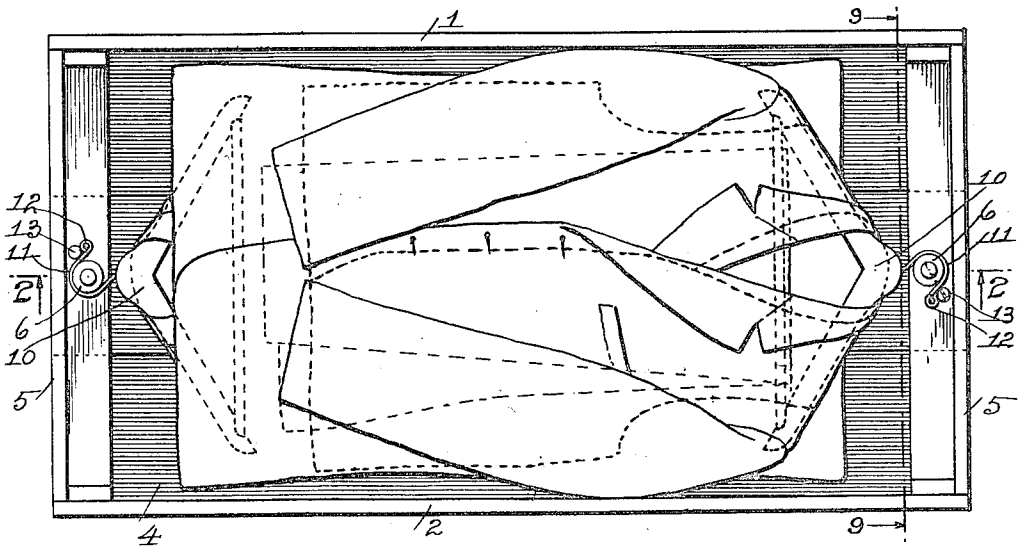
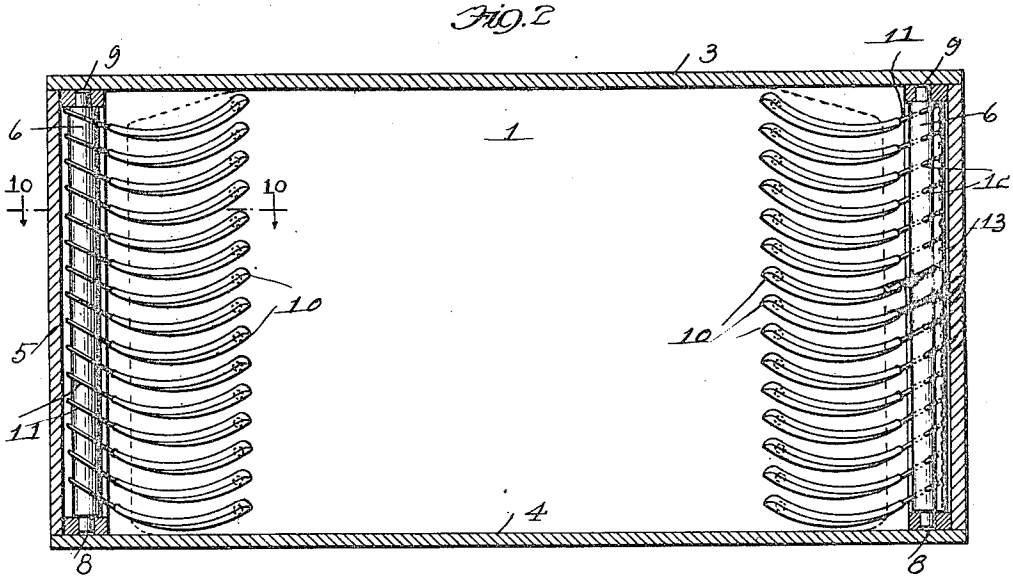


Fig. 2



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Fig. 3.

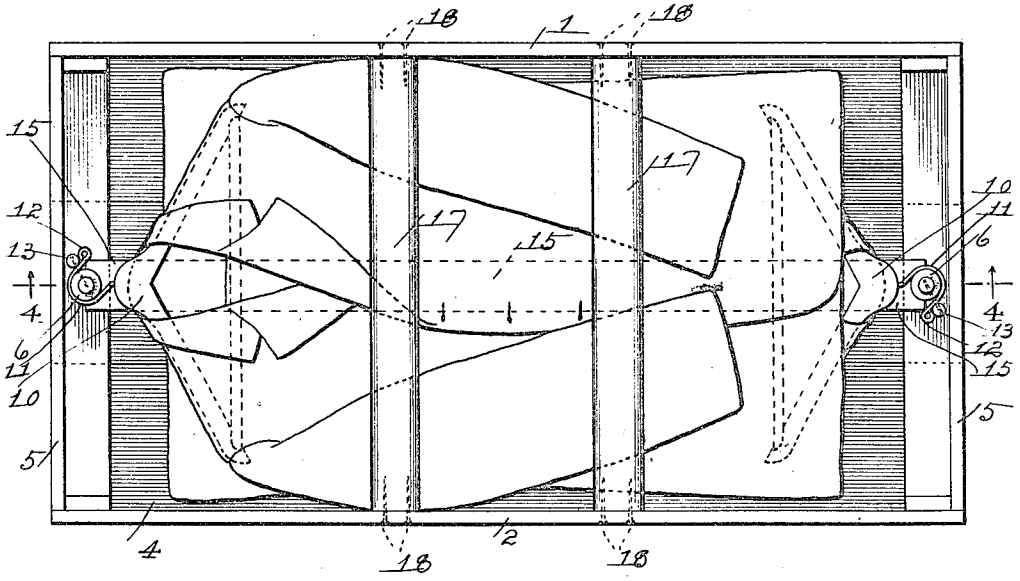


Fig. 4.

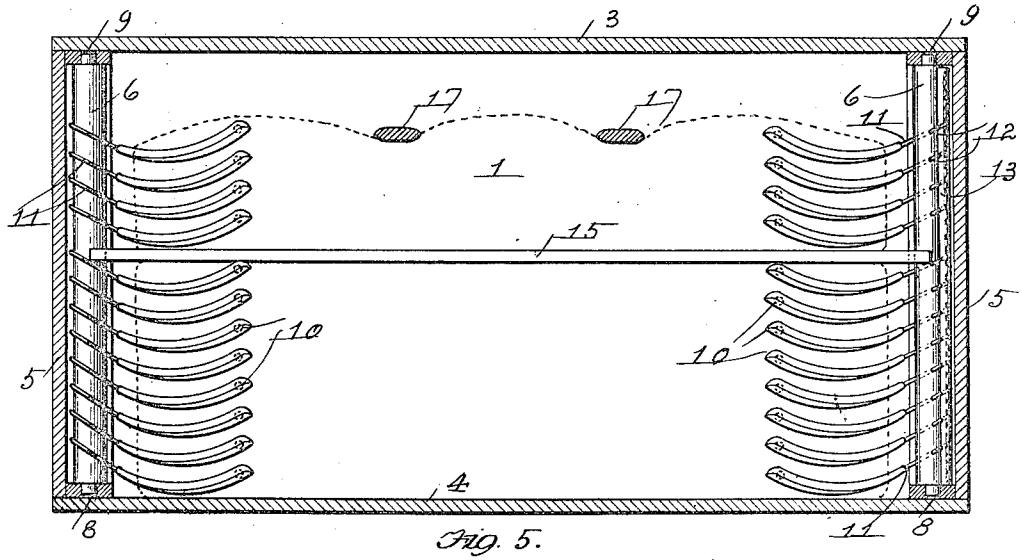
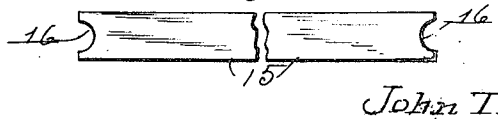


Fig. 5.



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Fig. 6.

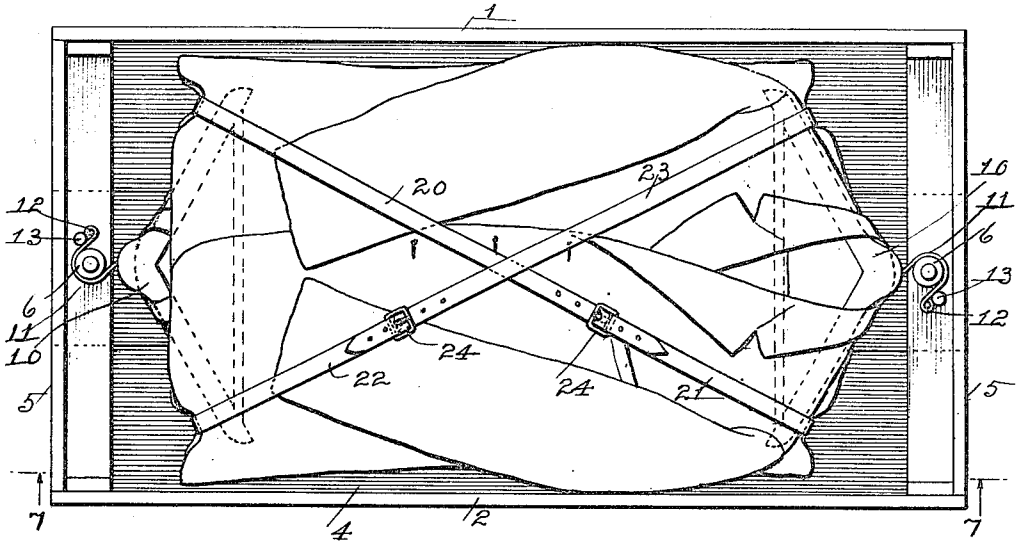
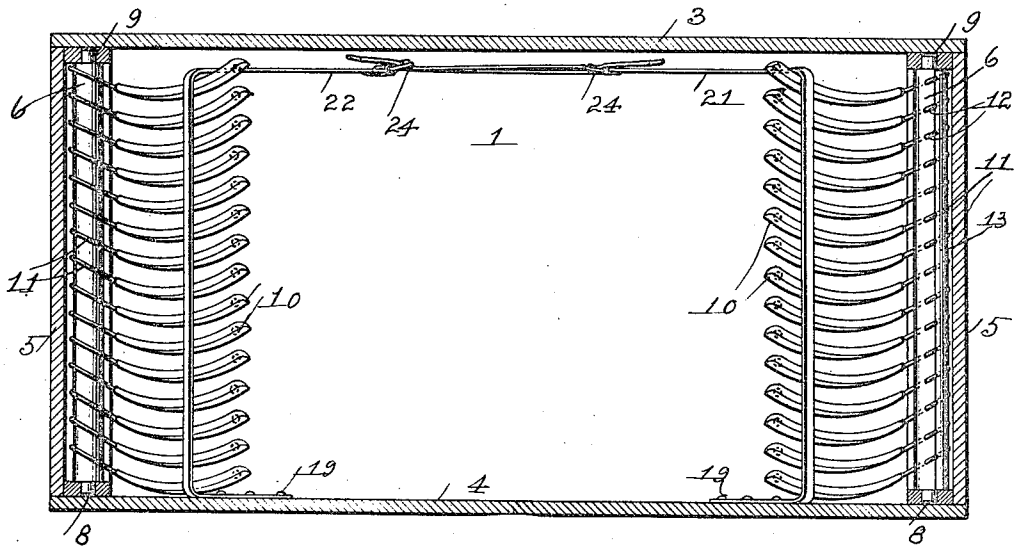


Fig. 7.



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Fig. 8.

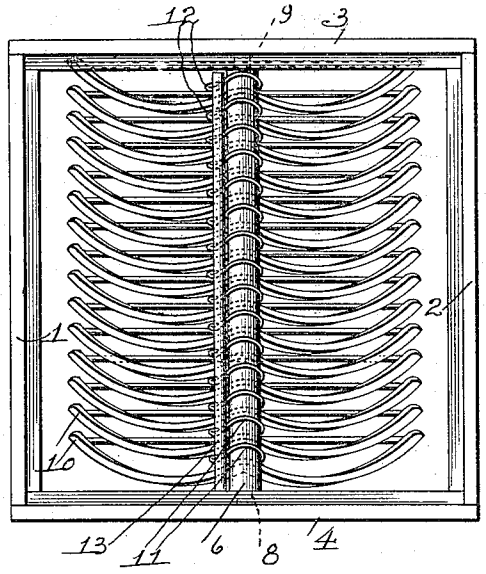


Fig. 9.

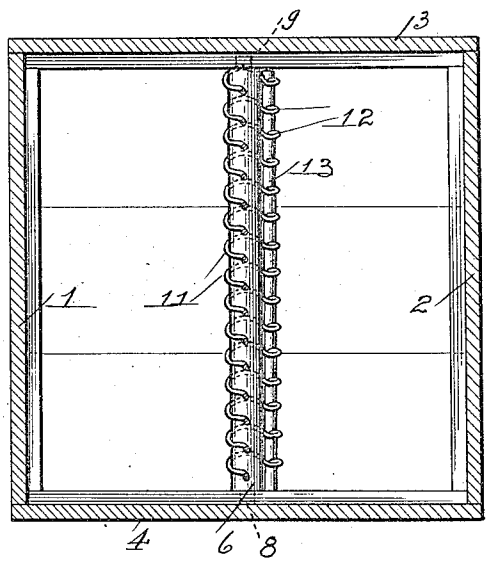


Fig. 10.

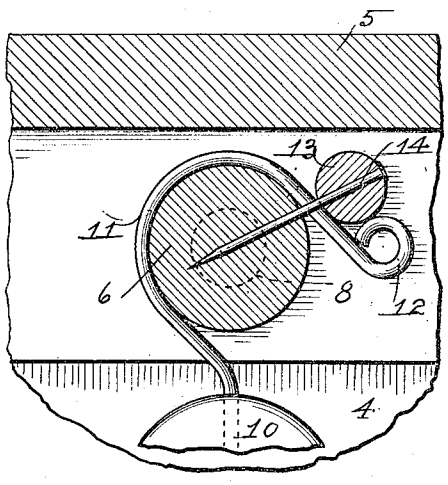
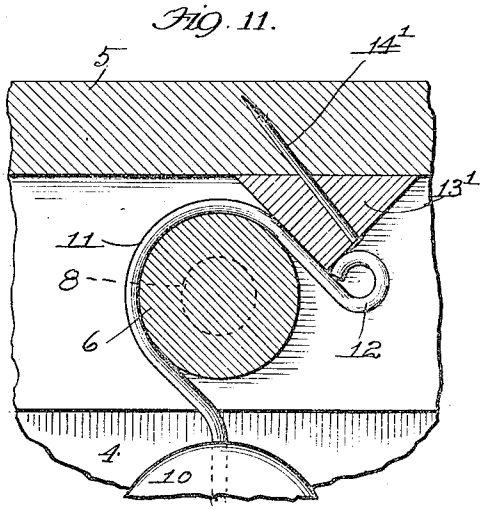


Fig. 11.



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By Cyrus W. Rice
Atty.

Patented May 15, 1923. 1,455,063

UNITED STATES PATENT OFFICE.

JOHN THOMAS BATTS, OF GRAND RAPIDS, MICHIGAN.

PACKING AND SHIPPING CASE FOR GARMENTS.

Application filed March 13, 1922. Serial No. 543,260.

To all whom it may concern:

Be it known that I, JOHN THOMAS BATTS, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented new and useful Improvements in Packing and Shipping Cases for Garments, of which the following is a specification.

The present invention relates to packing and shipping cases for garments; and its object is to provide such a case having improved means for securely holding the garments therein against movement; a further and more particular object is to provide means for securely holding the hangers carrying the garments against detachment from their supporting post or posts in the case. The present invention thus involves certain additions to, and improvements in certain respects over, that shown in my pending application, Ser. No. 293,094, filed April 28, 1919.

These and any other objects hereinafter appearing are attained by, and the invention finds preferable embodiment in, the structure or structures hereinafter particularly described in the body of this specification and illustrated by the accompanying drawings, in which:—

Figure 1 is a top plan view of a packing and shipping case, the cover being removed, and showing garments therein;

Figure 2 is a longitudinal sectional view of said case taken on a vertical plane corresponding to line 2—2 of Figure 1 (the garments being removed but the outline thereof being indicated in dotted line), the parts within the walls of the case not being sectioned;

Figure 3 is a top plan view of the case, similar to Figure 1, but showing a modified construction and a strut member;

Figure 4 is a longitudinal sectional view of the same, similar to Figure 2, and taken on a vertical plane corresponding to line 4—4 of Figure 3;

Figure 5 is a broken plan view of said strut member;

Figure 6 is a top plan view of the case, similar to Figure 1, and showing garment-holding straps;

Figure 7 is a longitudinal sectional view of the same, similar to Figures 2 and 4, and taken on a vertical plane corresponding to line 7—7 of Figure 6;

Figure 8 is an end view of the case seen in Figures 1 and 2, one end wall of the case being removed;

Figure 9 is a transverse sectional view of the same taken on a vertical plane corresponding to line 9—9 of Figure 1;

Figure 10 is an enlarged transverse sectional view of certain parts taken on a horizontal plane corresponding to line 10—10 of Figure 2; and

Figure 11 is a like view of corresponding parts, but showing a modified construction.

In the embodiment of the invention illustrated by the drawings a packing and shipping case having rectangular sides 1, 2, cover 3, bottom 4 and ends 5 is shown. Supporting posts 6, 6 secured against lateral movement in sockets 8 in the bottom 4 of the case and like sockets 9 in the cover 3 of the case, support the garment hangers 10 having sustaining hooks 11 adapted to be hooked around said posts or to be held in garment supporting relation thereto by being passed over the ends thereof.

To prevent these hooks from becoming unhooked from the posts 6, 6, they are provided with end portions 12 extending in a direction away from or outwardly from the post on which they are hooked, such portions being preferably formed by bending the free ends of the hooks reversely as clearly shown in the views. A hook-retaining member, in form a round wooden rod 13 (as seen in all the views except Figure 11), is disposed parallelly to the supporting post 6 and is fixed in such a position as to engage said outwardly extending portions 12 of the hooks to hold the hooks against unhooking from their post. This member 13 is thus fixed in said position in any suitable manner, as by nailing at 14 said member to its post, after the hangers' hooks are hooked thereon, as particularly seen in Figure 10; or the hook-retaining member may be secured to the casing's end 5 as by nails 14^1 as seen in Figure 11, such member 13^1 in this case being preferably triangular in cross section as shown in said view.

As the garments on their hangers are being packed in the case (the hooks of the hangers being on the posts 6) in such manner

that the garments supported on one post overlie and alternate with the garments supported on the other post, the weight of the garments tends to draw the free upper ends of the posts toward each other, the cover 3 in the packing operation being removed and the upper ends of the posts being therefore not held in the cover's sockets 9. To prevent this, a strut member 15, whose ends are recessed at 16 to straddle the posts, may be employed to hold the posts against mutually approaching movement. This strut member may remain in the packed case and between garments, so as to prevent the inward springing or bowing of the posts between their ends in the sockets 8, 9, as shown in Figures 3 and 4. Strips 17 extending from one side 1 of the case to its other side 2 and secured at 18 to said sides, and pressing on the upper surface of the mass of garments in the case, may be employed to hold them on the bottom 4 of the case, although the case is only partially filled as indicated in Figure 4.

Additional means for holding the garments in the case against movement are shown in Figures 6 and 7, wherein the case is provided with two pairs of flexible straps fastened at 19 on the bottom of the case, the straps 20, 21 of one pair crossing the straps 22, 23 of the other pair above the garments in the case, and the straps of each pair being detachably and adjustably connected above the garments, as by buckles 24. As seen in Figure 6, one strap of each connected pair extends from the bottom of the case and adjacent one side thereof upwardly and around the garments and their hangers supported on one of the posts, the other strap of the same pair extending adjacent the other side of the case and upwardly and around the garments and their hangers supported on the other post; the straps of one connected pair being disposed above the garments oppositely to those of the other connected pair respectively, as clearly seen in Figure 6.

The parts of my packing and shipping case may be assembled in the following manner: The bottom 4 and sides 1, 2 are nailed or otherwise fastened together; the lower ends of the posts 6, 6 are inserted into their sockets 8 in the bottom 4; the garments on their hangers are piled on the bottom of the case, the hooks 11 of the hangers being hooked around or slid over the upper ends of the posts; the round hook-retaining members 13 are now nailed to their posts; the ends 5, 5 and cover 3 are nailed or otherwise fastened in position.

Where the form 13^1 of the hook-retaining member is employed instead of the round rod form 13, this form 13^1 may be nailed to the end 5 before said end is fastened to the other walls of the case.

The invention being intended to be pointed out in the claims, is not to be limited to or by details of construction of the particular embodiment thereof illustrated by the drawings or hereinbefore described.

I claim:

1. In a garment packing and shipping case; a plurality of garment hangers, having sustaining hooks adapted to be hooked around the supporting post hereinafter named and provided with end portions extending outwardly from said supporting post; a supporting post inside the case for the hangers; a hook-retaining member parallelly disposed relatively to the supporting post and fixed in such position as to engage said portions of the hooks to hold the hooks against unhooking movement from the supporting post.

2. In a garment packing and shipping case; a plurality of garment hangers, having sustaining hooks adapted to be hooked around the supporting post hereinafter named and provided with end portions extending outwardly from said supporting post; a supporting post inside the case for the hangers; a hook-retaining member parallelly disposed relatively to the supporting post and nailed in such position as to engage said portions of the hooks to hold the hooks against unhooking movement from the supporting post.

3. In a garment packing and shipping case; a plurality of garment hangers, having sustaining hooks adapted to be hooked around the supporting post hereinafter named and provided with end portions extending outwardly from said supporting post; a supporting post inside the case for the hangers; a hook-retaining member parallelly disposed relatively to the supporting post and secured thereto in such position as to engage said portions of the hooks to hold the hooks against unhooking movement from the supporting post.

4. In a garment packing and shipping case; a plurality of garment hangers; supporting posts for the hangers inside the case, and adjacent the ends thereof respectively, and severally adapted to removably support a plurality of said hangers, and so interrelatively positioned that garments carried by the hangers supported on the post adjacent one end of the case overlie garments carried by the hangers supported on the post adjacent the other end of the case; a strut member adapted to be removably positioned between and abutting the posts to hold the same against mutually approaching movement.

5. In a garment packing and shipping case; a plurality of garment hangers; supporting posts for the hangers inside the case, and adjacent the ends thereof respectively, and severally adapted to removably

support a plurality of said hangers, and so interrelatively positioned that garments carried by the hangers supported on the post adjacent one end of the case overlie garments carried by the hangers supported on the post adjacent the other end of the case; two pairs of flexible straps fixed relatively to the bottom of the case, the straps of each pair being detachably connected above the garments on the hangers in the case, one connected pair crossing the other connected pair above the garments, and one strap of each connected pair extending adjacent one side of the case and around the garments and their hangers supported on one of the posts and the other strap of the same pair extending adjacent the other side of the case and around the garments and their hangers supported on the other post, the straps of one connected pair being disposed above the garments oppositely to those of the other connected pair respectively.

In testimony whereof I have hereunto set my hand at Grand Rapids, Michigan, this 2nd day of March, 1922.

JOHN THOMAS BATTS.