G. H. WHEARY.

TRUNK FIXTURE.

APPLICATION FILED APR. 14, 1915.

1,262,608.

Patented Apr. 9, 1918.

2 SHEETS—SHEET 1.

Fig. 1.

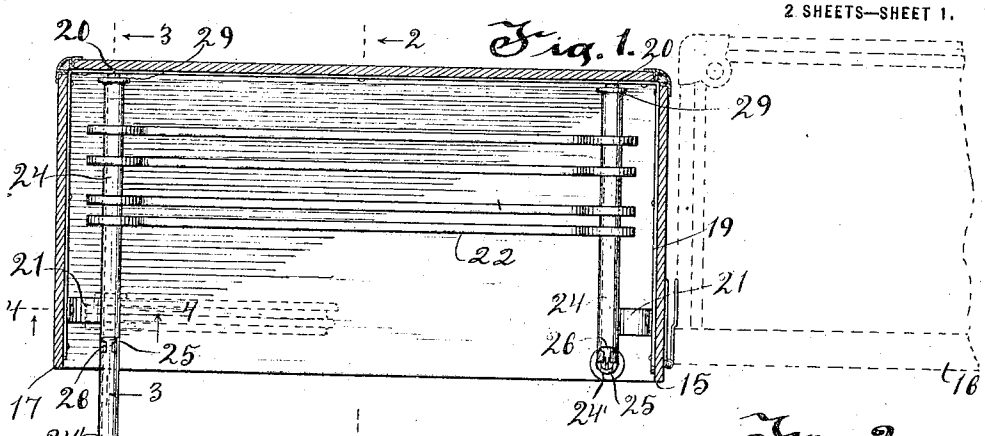


Fig. 2.

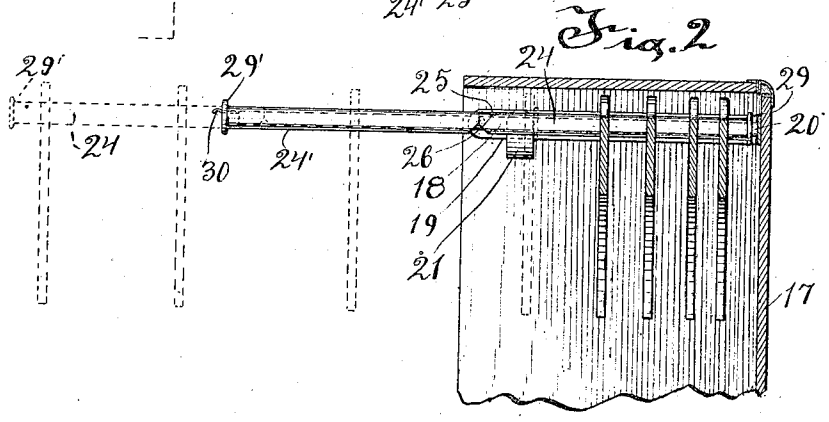


Fig. 3.

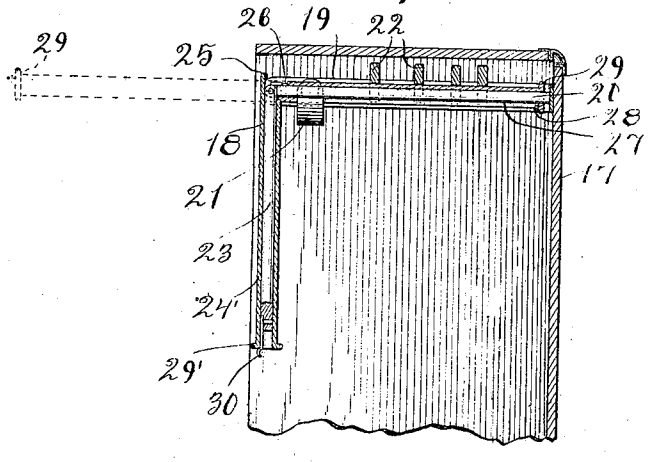
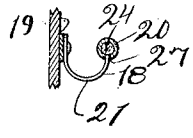


Fig. 4.



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2 SHEETS—SHEET 2.

Fig. 5.

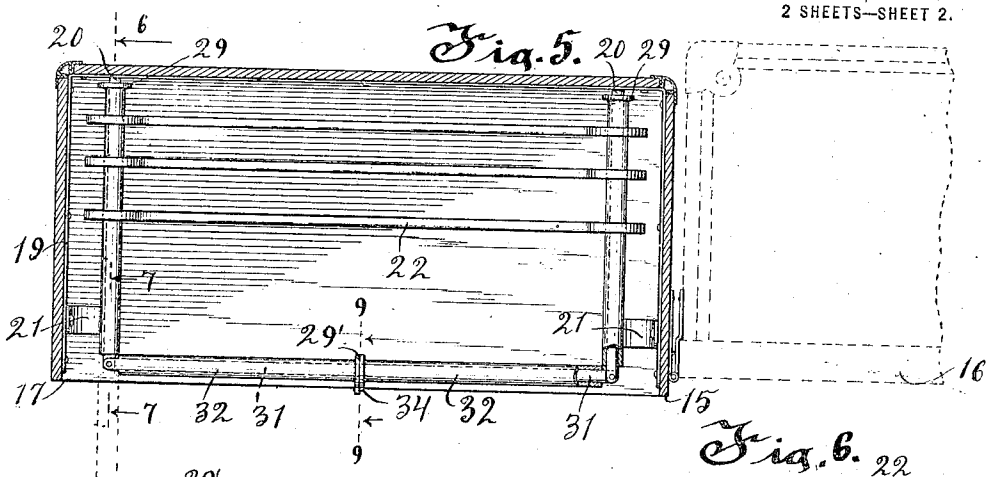


Fig. 6.

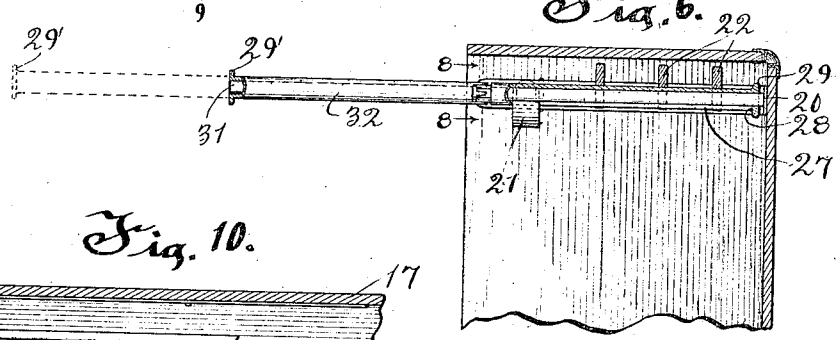


Fig. 10.

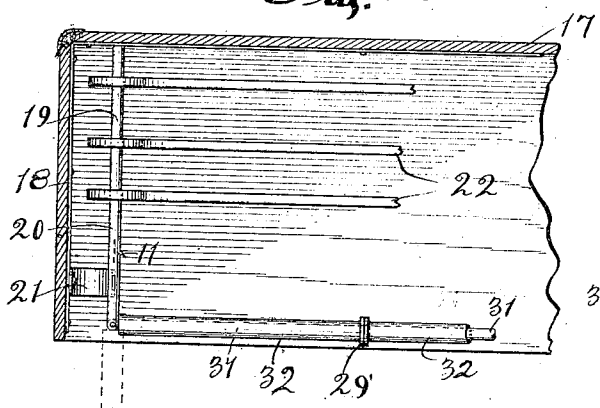


Fig. 9.

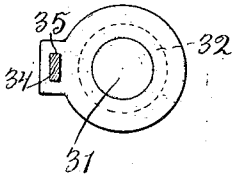


Fig. 8

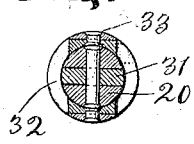


Fig. 11.

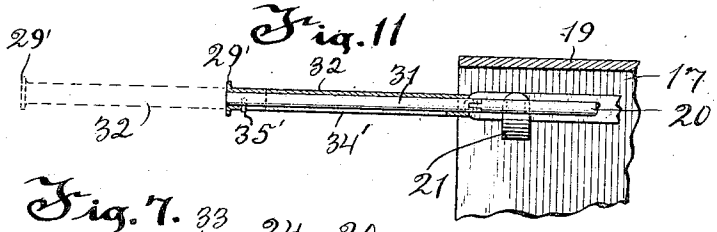
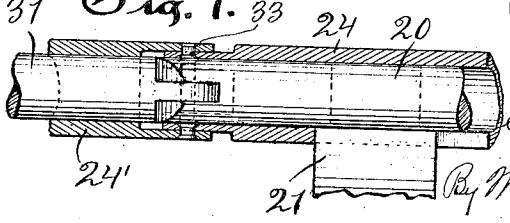


Fig. 7.



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UNITED STATES PATENT OFFICE.

GEORGE HENRY WHEARY, OF RACINE, WISCONSIN.

TRUNK-FIXTURE.

1,262,608. Specification of Letters Patent. Patented Apr. 9, 1918.

Application filed August 14, 1915. Serial No. 45,510.

To all whom it may concern:

Be it known that I, GEORGE HENRY WHEARY, a citizen of the United States, and resident of Racine, in the county of Racine and State of Wisconsin, have invented new and useful Improvements in Trunk-Fixtures, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

This invention relates to improvements in trunk fixtures more particularly adapted for supporting garment hangers in wardrobe trunks.

It is one of the objects of the present invention to provide a trunk fixture in which the extensible ends thereof may be adjusted outwardly to greater distances than is possible with the ordinary fixtures now on the market, thus permitting the garment hangers mounted on the fixtures to be further separated for the more convenient removal of the garments therefrom.

A further object of the invention is to provide a trunk fixture having extensible track portions arranged to withdraw the garment hangers and garments carried thereby from the trunk when the extensible track portions are moved to extended position.

A further object of the invention is to provide a trunk fixture having fixed and hinged extensible track portions in which the extensible track portions are automatically locked in hanger supporting position when the said extensible portions are moved to supporting position.

A further object of the invention is to provide a trunk fixture formed in part of telescoping arms which are automatically locked to other portions of the fixture when moved to closed position.

A further object of the invention is to provide a trunk fixture which is of simple construction, is strong and durable and is well adapted for the purpose described.

With the above and other objects in view the invention consists of the improved trunk fixture and its parts and combinations as set forth in the claims and all equivalents thereof.

In the accompanying drawing in which the same reference characters indicate the same parts in all of the views:

Figure 1 is a horizontal sectional view of a wardrobe trunk section provided with the improved trunk fixture;

Fig. 2 is a vertical sectional view thereof taken on line 2—2 of Fig. 1, with the extensible track portion shown in partly extended position;

Fig. 3 is a similar view thereof showing the extensible track portion swung downwardly in closed position, portions of the track members being shown in section;

Fig. 4 is a transverse sectional view of one of the track members taken on line 4—4 of Fig. 1;

Fig. 5 is a horizontal sectional view of a modified form of trunk fixture;

Fig. 6 is a vertical sectional view thereof taken on line 6—6 of Fig. 5;

Fig. 7 is a sectional detail view of a portion of one of the track members;

Fig. 8 is a transverse sectional detail view taken on line 8—8 of Fig. 6;

Fig. 9 is a sectional detail view taken on line 9—9 of Fig. 5;

Fig. 10 is a horizontal sectional view of a trunk provided with another modified form of trunk fixture; and

Fig. 11 is a vertical sectional view taken on line 11—11 of Fig. 10.

Referring to the drawings the numeral 15 indicates a trunk body, 16 the drawer section and 17 the wardrobe section in which the improved fixture 18 is mounted. The fixture 18 comprises a U-shaped band 19 which is fastened within the upper portion of the wardrobe section and has rigidly connected thereto fixed track members 20. These fixed tracks project forwardly from the rear portion of the band and at their forward end portions are connected to the side portions of the band by U-shaped brackets 21 which curve downwardly and upwardly from the tracks to the band to provide clearance for the garment hangers 22 mounted on the tracks. The fixed tracks are parallel to each other and are located adjacent the opposite sides of the wardrobe section and at their forward ends have the inner ends of the extension tracks 23 hinged thereto. In the form shown in Figs. 1 to 4 inclusive, the extension bars swing downwardly to closed positions while in the modified forms, shown in Figs. 5 to 11 inclusive, the extension bars swing horizontally to open or closed positions.

In the first mentioned form the track members are provided with extensible track tube sections 24 and 24′ which are slidably mounted on the track members and may be

slid outwardly thereon to increase the length of the tracks when the extension track bars are alined with the fixed track members. The extension track tube sections of each pair are hingedly connected together by providing a shouldered or T-shaped tongue 25 on the upper inner end portion of the tube 24′ and a shouldered or T-shaped slot 26 in the upper outer end portion of the tube section 24. The tube sections of each pair of tubes abut against each other at a point coincident with the hinge connections of the track rods when the tube sections are in closed position and may be folded with said rod sections, and in folding the shouldered tongues will swing out of the shouldered recesses, as shown in Figs. 1 and 3. In order to permit the tube sections being slid outwardly on the track rods, the inner tube sections 24 are provided on their lower sides with longitudinally extending slots 27 to accommodate the curved brackets 21. These slotted portions in connection with the brackets serve to prevent the tubes turning on the rods and the shoulders 28 formed by the inner ends of the slots 27 limit the outward movement of said tubes.

The outer ends of the outer tube sections and the inner ends of the inner tube sections have annular flanges or shoulders 29 and 29′ formed thereon to prevent the garment hangers from accidentally sliding off the tubes and also to withdraw the hangers and garments draped thereon from the trunk section when the said tubes are pulled outwardly. When the said tubes are pulled outwardly the inner tubes of each section will inclose the hinge joints of the track rods and lock the same in open position and the extension track rods which extend partly through both tube sections will lock the sections together in open extended position.

In order to prevent the outer tube sections from accidentally sliding off the extension track rods when in folded or closed positions, the said extension rods are provided with projecting shouldered spring members 30 which snap over the outer ends of the outer tube sections when said tube sections are pushed inwardly to closed positions. The tubes are easily released by pressing inwardly on the projecting shouldered portions of the springs when it is desired to extend the tubular tracks.

In the modified form shown in Figs. 5 to 9 inclusive, the extensible tracks 31 and the tubes 32 are arranged to swing horizontally to open or closed position and in lieu of the tongue and recess connection the adjacent ends of the tubes on each track overlap each other and are hingedly connected together as indicated by the numeral 33. These hinge connections are also in alinement with the hinge joints of the track portions, when the tube portions are in their innermost positions, to permit the folding of said members.

In the last mentioned form the outer ends of the tubes, when in folded position, are locked together by means of an angular tongue 34, formed on one of the tube ends, which enters an opening 35 provided with the other tube end.

In the modified form, shown in Figs. 10 and 11, only the extensible tracks 31 are provided with extensible tubes 32 which may be pulled outwardly to extend the length of the extension tracks. The lower portions of the tubes are provided with elongated slots 34′ and pins 35′ extending through the slots and entering the extensible tracks 31 serve to limit the outward movement of said tubes.

From the foregoing description it will be seen that the trunk fixture is of very simple construction and is well adapted for the purpose described.

What I claim as my invention is:—

1. A trunk fixture comprising a track member having a foldable hinge track extension, and a member connected to and slidable on the track member for further increasing the length of the track and locking the hinged track in extended position.

2. A trunk fixture comprising a track member having a hinged track extension, and a tubular member connected to and slidable on the extension for further extending the track and locking the hinged track in extended position.

3. A trunk fixture comprising a fixed track member, a foldable extension track member hinged thereto, and a member slidably connected to the extensible track member for further extending the track and locking the hinged track in extended position.

4. A trunk fixture, comprising a fixed track member, a foldable extension track member hinged thereto, and a two part foldable member slidably engaging the track members for further extending the track and for locking the track members and the two part member in extended positions, the extension track member and the two part member being foldable when the connection between the two parts is in register with the hinge joint.

5. A trunk fixture, comprising a fixed track member, an extension track member hinged thereto, and a two part foldable member slidably engaging the track members for further extending the track and for locking the track members and the two part member in extended positions, the two parts of the two part member being connected together to permit the folding of one of the parts when the point of connection is in register with the hinged connection of the track members.

6. A trunk fixture comprising a fixed track member, a foldable extension track member hinged thereto, and a two part tubular member slidably mounted on and extending around the track members and movable to a position to further extend the track and to lock the track members and the two part member in extended positions, the two parts of the tubular member being connected together to permit the folding of one of the parts when the point of connection is in register with the hinged connection of the track members.

7. A trunk fixture, comprising a fixed track member having means for connection with a trunk section, an extension track hinged to the outer end thereof, and a two part tubular member slidably mounted on the track members and movable to a position to further extend the track and to lock the track members and the two part members in extended positions, the two parts of the tubular member being connected together to permit one of the parts to be swung to a position at an angle to the other part, said connection being in alined position with the hinge joint of the tracks when all of the members are in folded position and out of alined position when the parts are extended.

8. A trunk fixture comprising a fixed track member having means for connection with a trunk section, a foldable extenstion track member hinged to the outer end of the fixed track and movable to a position in longitudinal alinement therewith, a two part tubular member slidably mounted on the track members and movable to a position to further extend the track and to lock the track members and the two part members in extended positions, the two parts of the tubular member being connected together to permit one of the parts to be swung to a position at an angle to the other part, when the connection of the tubular member is in register with the hinge joint and means for locking the tubular member to the extension track when in folded position.

9. A trunk fixture, comprising a fixed track member having means for connection with a trunk section, a foldable extension track member hinged to the outer end of the fixed track and movable to a position in longitudinal alinement therewith, a two part tubular member slidably mounted on the track members and movable to a position to further extend the track and to lock the track members and the two part member in extended positions, the two parts of the tubular member being connected together to permit one of the parts to be swung to a position at an angle to the other part when the connection of the tubular member is in register with the hinge joint, and a yielding means for locking the tubular member to the extension track when in folded position.

10. A trunk fixture comprising a fixed track member having means for connection with a trunk section, a foldable extension track member hinged to the outer end of the fixed track and movable to a position in longitudinal alinement therewith, a two part tubular member slidably mounted on the track members and movable to a position to further extend the track and to lock the track members and the two part member in extended positions, the two parts of the tubular member being connected together to permit one of the parts to be swung to a position at an angle to the other part when the connection of the tubular member is in register with the hinge joint, and a locking spring member attached to the extension track and having a shouldered portion which engages the tubular member for locking the tubular member against endwise movement on the track member when in folded position.

11. A trunk fixture, comprising a fixed track member having means at its opposite end portions for connection with a support, a foldable extension track member hinged to the outer end of the fixed track member, a two part tubular member mounted on the track members and longitudinally slidably movable thereon, one of said tubular parts having an elongated slot to accommodate one of the supports of the fixed tracks, the two parts of said two part member having a shouldered tongue and recess connection therebetween to permit one of said parts to be swung at an angle to the other part when the connection of the tubular member is in register with the hinge joint, and means for locking said moved part to the extension track when in folded position.

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

GEORGE HENRY WHEARY.

Witnesses:
ANNA M. NELSON,
AL. A. RITTER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."