G. SACHNOFF.

WARDROBE TRUNK.

APPLICATION FILED JAN. 8, 1921.

1,380,024.

Patented May 31, 1921.

2 SHEETS—SHEET 1.

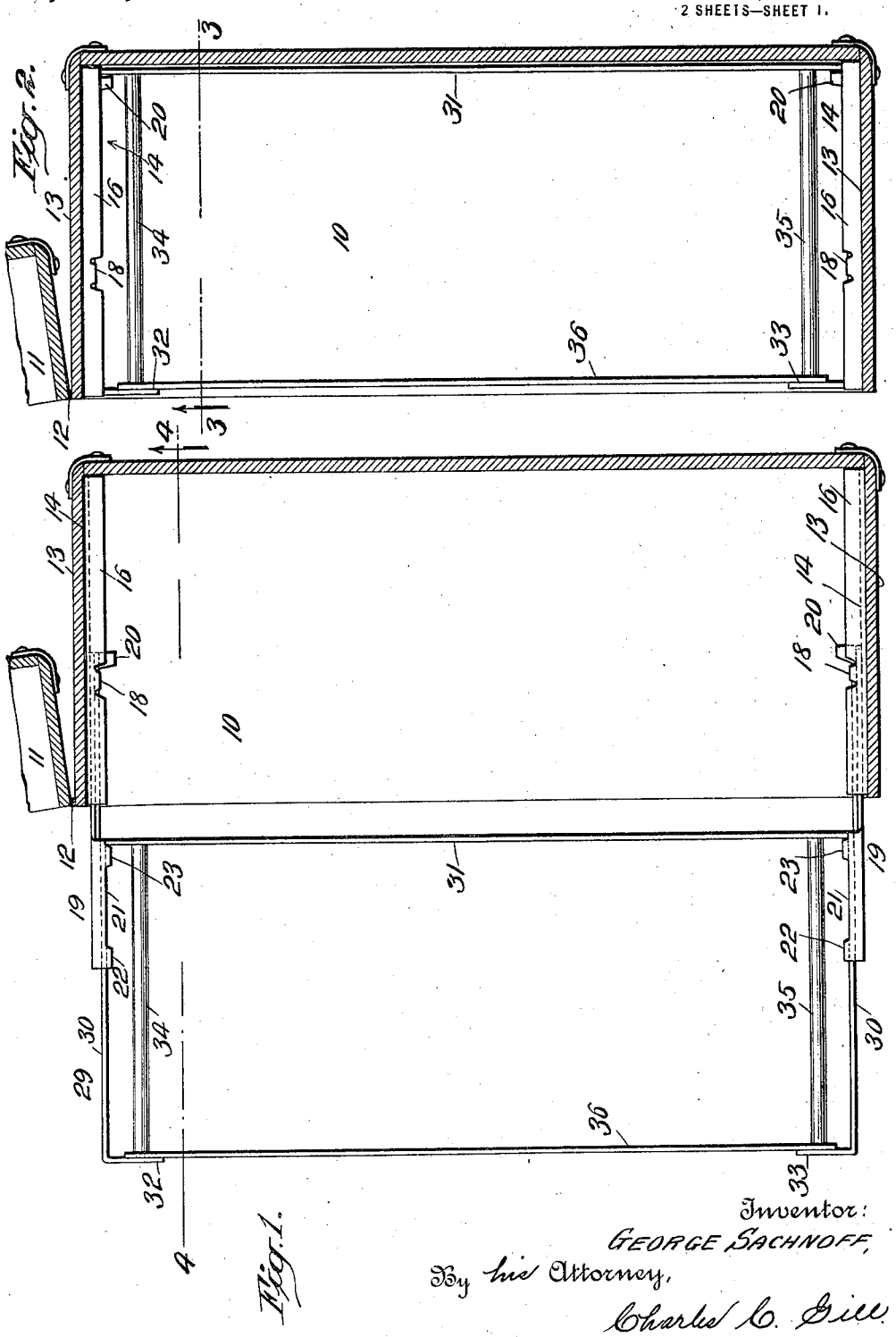


Fig. 2.

Fig. 1.

Inventor:
GEORGE SACHNOFF,
By his Attorney,
Charles C. Gill

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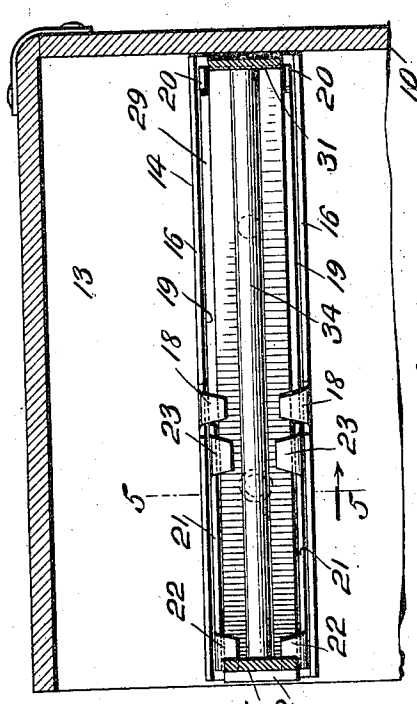


Fig. 3.

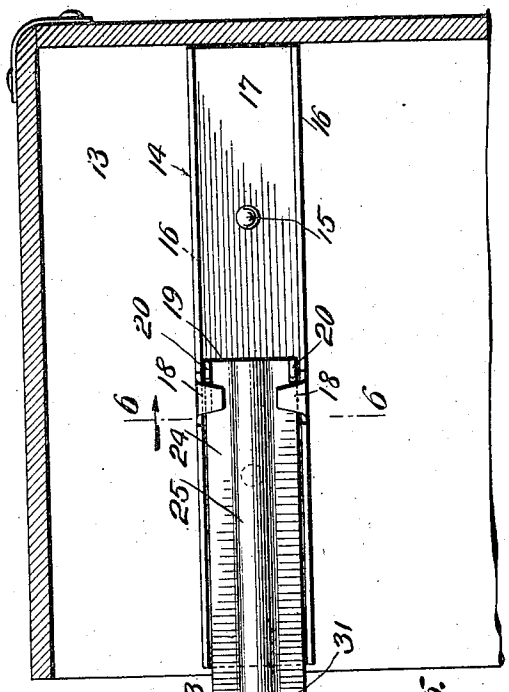


Fig. 4.

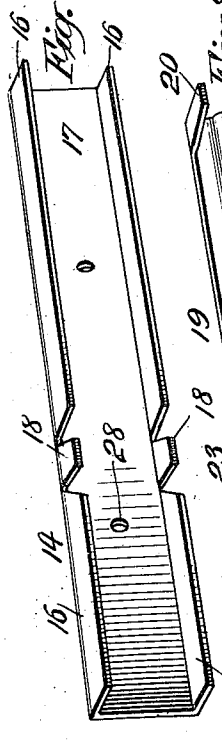


Fig. 7.

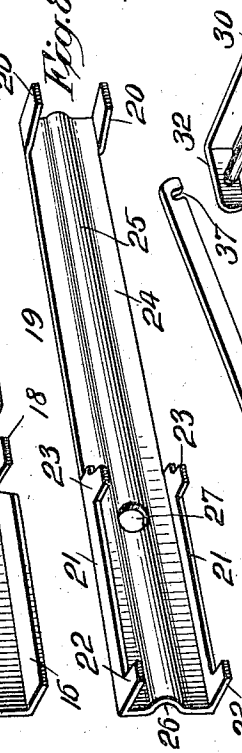


Fig. 8.

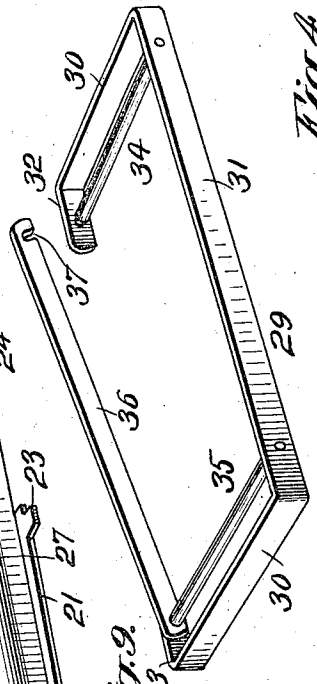


Fig. 9.

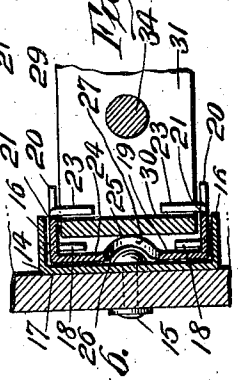


Fig. 5.

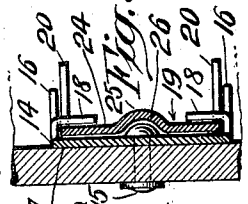


Fig. 6.

Inventor:
GEORGE SACHNOFF,
By his Attorney,
Charles C. Gill.

UNITED STATES PATENT OFFICE.

GEORGE SACHNOFF, OF BROOKLYN, NEW YORK.

WARDROBE-TRUNK.

1,380,024. Specification of Letters Patent. Patented May 31, 1921.

Application filed January 8, 1921. Serial No. 435,785.

To all whom it may concern:

Be it known that I, GEORGE SACHNOFF, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Wardrobe-Trunks, of which the following is a specification.

The invention pertains more particularly to improvements in garment hanger supports for wardrobe trunks, and it consists in the novel features, arrangement and combinations of parts hereinafter described, and particularly pointed out in the claims.

One object of the invention is to provide a slidable garment hanger supporting frame with means whereby said frame may be drawn outwardly entirely from within the confines of the trunk section so that the suspended garments may be readily examined and, as required, removed. The invention also permits of the ready application of garments to the garment hanger supporting frame preparatory to said frame being slid inwardly into the trunk section. My invention renders it unnecessary to provide the top of the trunk wardrobe section with a hinged lid, and in this respect my invention is a decided benefit.

Another purpose of my invention is to provide a garment hanger supporting frame, with suitable slides and supports therefor, of very durable character so that they may be of permanent value, capable of ready manufacture and installation and efficient in use, all liability of the binding of the parts of the garment hanger supports being eliminated.

The construction of my invention involves two metallic guiding and stop members of corresponding construction secured to opposite sides of the trunk section, slidable intermediate members mounted within said guiding members and coöperating therewith, and a rectangular frame mounted at its ends within said slidable members and capable of sliding movement therewith and independently thereof, permitting said rectangular frame, while adapted to support the garment hangers and held by said intermediate members, to be whenever desired withdrawn entirely from within the trunk wardrobe section.

The invention will be fully understood from the detailed description hereinafter presented, reference being had to the accompanying drawings, in which:

Figure 1 is a horizontal section, partly broken away, through a wardrobe trunk equipped with the features of my invention, the section being taken just below the top of the trunk and indicating the trunk in open position, with the garment hanger supporting frame withdrawn outwardly from the trunk wardrobe section;

Fig. 2 is a corresponding view of the same, illustrating the garment hanger supporting frame as having been slid inwardly into the trunk wardrobe section;

Fig. 3 is a sectional view on a larger scale, through a portion of the same, taken on the dotted line 3—3 of Fig. 2;

Fig. 4 is a vertical sectional view through a portion of the same taken on the dotted line 4—4 of Fig. 1;

Fig. 5 is a vertical transverse section through a portion of the same taken on the dotted line 5—5 of Fig. 3;

Fig. 6 is a corresponding section through a portion of the same taken on the dotted line 6—6 of Fig. 4;

Fig. 7 is a perspective view of one of the stationary guiding side members shown in its initial shape or before the retaining and stop lips shown at an intermediate portion of the upper and lower edges of the same are bent in a direction toward each other to confine and coöperate with its intermediate slidable member;

Fig. 8 is a perspective view of one of the intermediate slidable members shown in its initial form or prior to the bending toward each other of the upper and lower lips present on the forward portion of said member, and

Fig. 9 is a perspective view of the rectangular garment hanger supporting slidable frame and which, when in position, is held at its ends within the two intermediate slidable members and is slidable therein and therewith, said slidable members being slidably mounted within the rigid guiding members.

In the drawings 10, 11 indicate the two sections of a wardrobe trunk connected together by hinges 12 and adapted to be opened outwardly from each other, as usual, as indicated in Figs. 1 and 2, for the purpose of exposing, among other parts, the interior of the wardrobe section 10. The

trunk sections 10, 11, may be of any usual or suitable construction, my invention not being confined to the specific construction of the trunk but pertaining to means I provide for the wardrobe section 10 to serve for the support of garments.

In accordance with my invention I secure to the opposite sides 13 of the trunk-section 10 rigid metal guides 14 which are parallel with each other and secured by rivets 15. The guides 14 correspond in construction and each is of channel shape having upper and lower inwardly extending flanges 16 and a flat vertical section 17 which bears directly against the side of the trunk. I form in the flanges 16 of the guides 14 guide fingers 18 which are in the same vertical plane and initially project inwardly in line with the flanges 16, as illustrated in Fig. 7, but which in completing the article are bent toward each other so as to stand vertically or substantially so, as I illustrate in Figs. 4 and 6. The guides 14 are each in one piece and of simple durable construction.

Within the guides 14 and between the upper and lower flanges 16 thereof I place the intermediate slidable members 19, one of which is shown in perspective in Fig. 8. The members 19, or intermediate slides, are each formed in one integral piece of sheet metal and each has at its rear end inwardly projecting arms 20 and at its forward portion inwardly extending edge horizontal flanges 21 at whose end portions are slide fingers 22, 23, respectively, which initially extend laterally and in the completed stage of the manufacture are bent vertically toward each other, as shown in Figs. 3 and 5. The vertical section 24 of each member 19 is beaded longitudinally, as at 25, this beading being formed by pressing the metal laterally along the line of the length of the member 19. The beading 25 adds material rigidity to the member 19 and in addition forms at the outer vertical side of the member a groove 26 which I utilize as affording space for the heads of the rivets 15, as shown in Figs. 5 and 6. I also form the beading 25 with a hole 27 through which I pass the outermost rivet 15 in securing the assembled guide 14 and slide 19 to the side of the trunk. When the parts 14, 19 are in assembled relation the slide 19, except for the hole 27, would not permit of the guide 14 being riveted to the side of the trunk except at the innermost rivet 15, but when the slide 19 is provided with the hole 27 said hole may be placed in alinement with the rivet-hole 28 in the guide 14 and permit the passage of the outermost rivet 15 through the hole 28 and side of the trunk. When upsetting the outer end of the rivet located in the hole 28 of the guide 14, the hole 27 in the slide 19 permits of the application of a tool against the head of the rivet while the outer end of the rivet is under treatment.

In assembling the guide 14 and slide 19 the vertical section 24 of the slide is placed against the vertical section 17 of the guide 14, and said slide is drawn forwardly until its slide fingers 23 are in advance of the guide fingers 18 on the guide 14, and thereupon the guide fingers 18 are bent toward each other to take a vertical position, as shown in Fig. 3, and overlap upon the horizontal edges of the slide 19, thereby retaining said slide 19 between the flanges 16 of the guide and permitting said slide to be moved backwardly and forwardly at will. The rear portion of the slide 19 or that portion thereof between the slide fingers 23 and arms 20 is devoid of edge flanges, and therefore the guide fingers 18 of the guide may be folded toward each other and with reasonable closeness against the slide 19. After the slide 19 has been secured within the guide 14 by means of the fingers 18, said slide cannot escape from said guide since on a full forward movement of the slide the arms 20 thereof would strike against the guide fingers 18, as shown in Fig. 4, and arrest the slide, and should the slide 19 be pushed rearwardly, when the parts are not secured within the trunk, the flanges 21 will strike the guide fingers 18 of the guide and therefore the slide would be prevented from escaping on a rearward movement from the guide 14.

After the assembled guides 14 and slides 19 have been secured within the trunk the garment hanger frame 29 is applied, at its ends 30, to the slides 19, said ends 30 fitting horizontally between the upper and lower flanges 21 of the slides 19 and being secured in position by the folding toward each other of the slide fingers 23 and slide fingers 22, said slide fingers lapping over upon the ends 30 of the frame 29, as I illustrate in Fig. 4, and serving to lock said ends within the slides 19 and also to permit said ends to be moved frontwardly and rearwardly between said flanges 21 and behind the slide fingers 22, 23. The slide fingers 22, 23 lock the ends 30 of the frame 29 to the slides 19, and said frame 29 is prevented from being pulled forwardly from between the flanges 21 of the slides 19 by the engagement of the rear bar 31 of said frame, at its end portions, with the fingers 23, as will be understood on reference to Fig. 4.

The frame 29 is formed of a single bar bent into oblong shape and forming the ends 30, back 31 and short front arms 32, 33, which project toward each other. I provide rods 34, 35 fastened to the back 31 and arms 32, 33, for supporting the usual garment hangers, which will be suspended from said rods 34, 35 in a well-known manner. The

rods 34, 35 stand inwardly from the ends 30 of the frame 29 and serve to materially stiffen said frame. The front of the frame 29 is provided with a bar 36 which is hinged upon the rod 35 and formed with a notch 37 to pass over and engage the front end of the rod 34, the bar 36 serving as a latch-bar to close the front end of the frame 29 after the garment hangers have been placed upon the rods 34, 35. The bar 36 may be turned upwardly to admit the garment hangers to the rods 34, 35 and then closed downwardly to confine said hangers, and obviously the bar 36 may be turned upwardly to permit of the withdrawal of the garment hangers and the garments thereon through the front of the frame 29.

The structure of my invention comprises the two guides 14 secured to the sides of the trunk, the two slides 19 mounted within said guides, and the garment hanger frame 29 applied within the slides 19, the slides 19 being slidable in the guides 14 and the ends of the frame 29 being slidable within the slides 19.

The initial position of the parts of my attachment when confined within the wardrobe section of the trunk is illustrated in Fig. 3, in which it may be seen that the slides 19 and frame 29 have been pushed rearwardly entirely within the trunk section. When it is desired to inspect or remove any of the garments supported by the frame 29, said frame is pulled forwardly or outwardly from the trunk section, and during this movement of the frame 29 the rear bar 31 thereof will move forwardly and engage the slide fingers 23 of the slides 19 and cause said slides to travel forwardly so that the frame 29 may pass entirely to the front of the trunk section, as shown in Fig. 4, in which the full outward movement of the frame 29 and slides 19 is shown. At the completion of the full outward movement of the frame 29 and slides 19 the arms 20 on said slides will strike the guide fingers 18 on the guides 14 and arrest the slides 19, the frame 29 becoming arrested by the engagement of the rear bar 31 thereof with the slide fingers 23. On the inward movement of the frame 29 from the position shown in Fig. 4 to that illustrated in Fig. 3, the frame 29 will travel freely inwardly between the slides 19 until the front arms 32, 33 of said frame engage the slide fingers 22 of the slides 19, and thereafter on the further inward movement of the frame 29 said frame, pressing against the slide fingers 22, will cause the slides 19 to move inwardly with it until all of the parts are within the trunk section and in the position shown in Fig. 3.

I have so constructed the several parts of my wardrobe trunk attachment that they are capable of resisting the strain of very considerable weight hanging from the rods 34, 35 both when the frame 29 is within the trunk section and when it is exposed outwardly beyond said section. The flanges 21 of the slide 19 prevent tilting action of the frame 29 and the flanges 16 of the guides 14 prevent tilting action of the slides 19. The longitudinal beadings 25 on the slides 19 not only stiffen the slides and provide a clear space 26 for the heads of the rivets 15, but serve the further important duty of affording a minimum contact surface for the outer faces of the ends 30 of the frame 29, as shown in Fig. 5, thereby reducing friction and assuring ease and smoothness of operation.

I do not limit my invention to specific details of form otherwise than the appended claims may require.

What I claim as my invention and desire to secure by Letters Patent, is:

1. In combination with a vertical trunk body having an open front, garment supporting devices therefor comprising guides rigidly secured to the inner facing of opposite sides of said body and having upper and lower flanges and, at an intermediate point in their length, upper and lower guide fingers bent in a direction toward each other, slides fitted within said guides behind and retained by said guide fingers having laterally projecting arms at their rear ends, upper and lower inwardly projecting flanges at the edges of their forward portions in advance of said guide fingers and slide fingers at the ends of said flanges extending toward each other and spaced inwardly from the back of the slides, and a garment hanger supporting slidable frame fitted at its ends within said slides behind and retained by said slide fingers and having a back member in rear of the rear slide fingers and a front member at the front of the front slide fingers, said frame on a partial forward movement thereof being adapted to engage said slides and then move forwardly with them to without the trunk section and on a partial rearward movement thereof to engage said slides and then move rearwardly with them to concealed position within the trunk section, and said arms on the rear ends of said slides being adapted on the full forward movement of the slides to strike the said guide fingers and arrest the slides.

2. In combination with a vertical trunk body having an open front, garment supporting devices therefor comprising guides riveted to the inner facing of opposite sides of said body, the rivets extending through said guides and said sides and said guides having upper and lower flanges and, at an intermediate point in their length, upper and lower guide fingers bent in a direction toward each other, slides fitted within said guides behind and retained by said guide

fingers having lateral projecting arms at their rear ends, upper and lower inwardly projecting flanges at the edges of their forward portions in advance of said guide fingers, slide fingers at the ends of said flanges extending toward each other and spaced inwardly from the back of the slides, and a central inwardly pressed beading extending along the length of the back of the slides and affording continuous channels along the backs of said slides accommodating the heads of said rivets, and a garment hanger supporting slidable frame fitted at its ends within said slides against said beadings and behind and retained by said slide fingers and having a back member in rear of the rear slide fingers and a front member at the front of the front slide fingers, said frame on a partial forward movement thereof being adapted to engage said slides and then move forwardly with them to without the trunk section and on a partial rearward movement thereof to engage said slides and then move rearwardly with them to concealed position within the trunk section, and said arms on the rear ends of said slides being adapted to arrest the slides at the end of their predetermined full forward movement.

Signed at New York city, in the county of New York and State of New York, this 6th day of January A. D. 1921.

GEORGE SACHNOFF.