

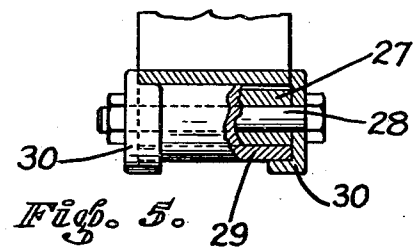
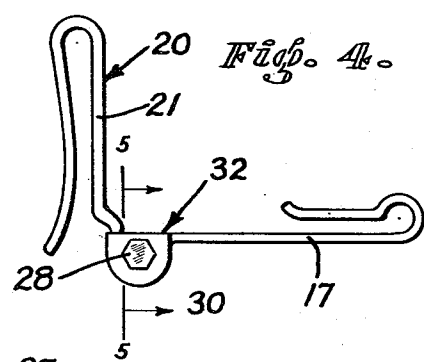
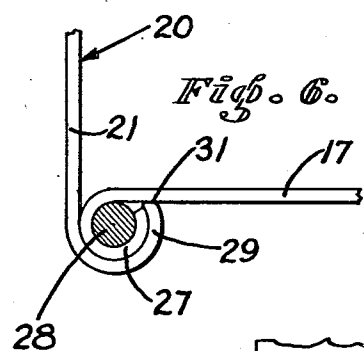
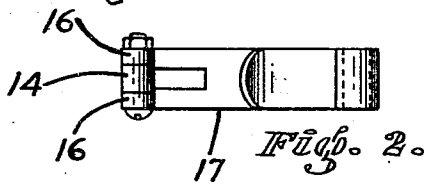
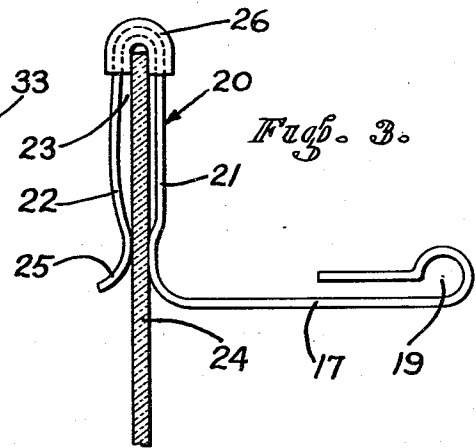
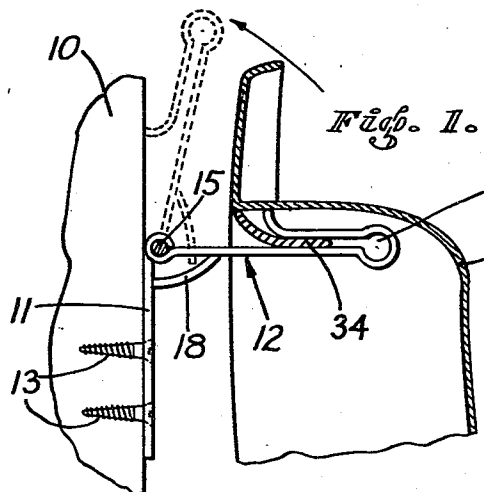
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C. W. TRITT

2,295,370

CLOTHES HANGER

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UNITED STATES PATENT OFFICE

2,295,370

CLOTHES HANGER

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2 Claims. (Cl. 248—308)

This invention relates to a clothes hanger and is of the general type shown in my co-pending application entitled "General service hooks for hats and other articles" filed by me December 12, 1938, Serial No. 245,248, now Patent No. 2,206,583, dated July 2, 1940.

It is often found convenient to provide a clothes hanger of the bracket type which may be readily mounted upon an element with relation to which the structure may be hinged to swing vertically, thus making it possible for the device to be moved to a non-obstructing position when not in use, and to be held firmly for the support of a coat hanger or articles of clothing when used. It is also desirable to provide a structure which may be detachably secured in position, such for example as for temporary use in an automobile by hooking the hanger over the glass of the door so that clothes may be supported without possibility of being mussed. It is the principal object of the present invention to provide a hanger fitted with means whereby it may be easily mounted for permanent or temporary use, and which structure may include a hinge to permit the horizontal leg of the hanger to swing from a vertical position to a horizontal position for supporting articles.

The present invention contemplates the provision of a hanger structure having a vertical leg and a horizontal leg, the vertical leg in certain instances being fitted with spring means to permit the structure to be detachably secured on a support.

The invention is illustrated by way of example in the accompanying drawing, in which:

Figure 1 is a view in side elevation showing one form of the support and indicating the manner in which a hat may be held upon it.

Fig. 2 is a view in plan showing the support disclosed in Fig. 1.

Fig. 3 is a view in side elevation showing a detachable form of the invention indicating it as mounted upon an element, such for example as the glass of an automobile window.

Fig. 4 is a view in side elevation showing the form of the invention disclosed in Fig. 3 with the horizontal and vertical legs of the structure hinged together.

Fig. 5 is an enlarged view in section and elevation as seen on the line 5—5 of Fig. 4 with parts broken away to disclose the hinge construction.

Fig. 6 is an enlarged fragmentary view showing the hinge structure of the device in Fig. 4.

Referring more particularly to Figs. 1 and 2 of the drawing, a support such as a wall is in-

dicated at 10. Disposed against this support is a horizontal leg 11 of a hanger structure 12. This horizontal leg is of flat metal stock and is perforated to receive fastening screws 13. At the upper end of the member 11 a bearing element 14 is formed to receive a hinge pintle 15. The pintle 15 also passes through bearings 16 formed at the rear end of the horizontal leg 17 of the hanger. The metal occurring between the bearing 16 is struck downwardly to provide a stop 18 which will rest against the face of the fastening member 11 and limit the downward movement of the horizontal element 17 while maintaining said element in a horizontal supporting position. The free end of the horizontal element 17 is bent upon itself to form a loop 19 which lies substantially parallel to the main body of the member 17 and provides a throat into which an article may be slipped or a hanger hook may be placed.

In the form of the invention shown in Fig. 3 the horizontal element 17 is formed integral with a vertical loop portion 20. This loop has substantially parallel spring legs 21 and 22 formed by bending the metal strip of the hanger upon itself to provide a throat 23 into which a supporting element 24 may slip. The end of the leg 22 is outturned, as indicated at 25, to facilitate in slipping the member 24 in position. The member 24 may be any convenient element, although it has been found that when this type of hanger is used upon the window glass of an automobile the structure proves very useful. It may be desirable to slip a rubber cushioning element 26 over the loop 20 to rest against the glass and prevent rattle or chipping.

Referring to Fig. 4 of the drawing, it will be seen that the loop structure 20 is hinged to the horizontal supporting element 17. This hinge structure is of particular design to permit the member 17 to swing toward and away from its horizontal position and to rigidly support the element 17 in its horizontal position. In this hinge structure, as shown in Fig. 6, the element 17 is bent upon itself to form a cylindrical bearing 27 through which a bolt 28 passes. Fitted around this bearing is a loop 29 formed at the end of the leg 21 of the vertical loop 20. The member 29 as wrapped around the member 28 will have relative movement thereto so that the two structures will rotate around the axis of the bolt 28. Carried at the opposite sides of the portion 27 of the horizontal element 17 are overhanging flanges 30, particularly shown in Fig. 5 of the drawing. These flanges are rigidly secured to the member 17 and are spaced apart to ac-

commodate the curled portion 29 of the member 21. The bolt 28 passes through these flanges and thus holds the curled portion 29 and the portion 27 in their nested position with relation to each other.

By reference to Fig. 6 it will be seen that the end 31 of the curled portion 29 forms an abutment for the horizontal member 17 and thus supports the member 17 when swung to its horizontal position.

In operation of the form of the invention shown in Fig. 3 of the drawing it will be seen that the rigid unitary construction may be easily mounted over a vertical support and will be held in its load supporting position. When it is desired to remove the hanger from the vertical support it may be easily lifted from a position where its loop 20 straddles the member 24.

In the form of the invention shown in Fig. 4 of the drawing the structure may be applied to a support as previously described, but in addition the horizontal member 17 may swing to a vertical position parallel with the loop 20, or it may swing downwardly to the horizontal position shown in Fig. 4. At this time the member 17 will abut against the face 31 of the curled member 29 and will thus be supported.

In some instances it may be desirable to provide a structure which will swing flat against a support to which it is permanently secured. This structure is shown in Fig. 1 of the drawing, where it will be seen that while in the load supporting position the horizontal element 17 is disposed horizontally and supported by the member 13, and that this member may be swung upwardly to lie flat against the face of the support 10.

In Fig. 1 of the drawing the structure is shown as supporting a hat 33. In such a case the hat-band 34 may be slipped into the loop represented at 19 so that the hat will be yieldably held and will not be accidentally displaced from the hanger.

It will thus be seen that the clothes hanger here disclosed is decidedly simple and inexpensive in construction, that it may be readily mounted upon an element for temporary support or permanent support, and that where desired the horizontal supporting element may swing downwardly from a non-obstructing position to a position where it will support an article.

While I have shown the preferred form of my invention as now known to me, it will be understood that various changes may be made in combination, construction and arrangement of parts by those skilled in the art, without departing from the spirit of my invention as claimed.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

10 1. A clothes hanger or the like, comprising a horizontal supporting element curled at one end to form a substantially cylindrical loop, a vertical supporting element curled at its lower end to form a loop within which the curled loop of the horizontal element is nested, whereby the loop on the horizontal element may rotate within the loop on the vertical element, an abutment formed at the end of the loop of the vertical element and against which the horizontal element may be supported when the horizontal element is in its horizontal supporting position, retaining flanges carried by the horizontal element and disposed at opposite ends of the curled loops, and a bolt passing through said flange members and the loops, whereby to hold the structure in its assembled position.

20 2. A clothes hanger or the like, comprising a horizontal supporting element curled at one end to form a substantially cylindrical loop, a vertical supporting element curled at its lower end to form a loop within which the curled loop of the horizontal element is nested, whereby the loop on the horizontal element may rotate within the loop on the vertical element, an abutment formed at the end of the loop of the vertical element and against which the horizontal element may be supported when the horizontal element is in its horizontal supporting position, retaining flanges carried by the horizontal element and disposed at opposite ends of the curled loops, and a bolt passing through said flange members and the loops, whereby to hold the structure in its assembled position, the outer end of the horizontal element being bent upon itself to form a loop and the upper end of the vertical element being bent upon itself to form a loop.

CHARLES W. TRITT.