

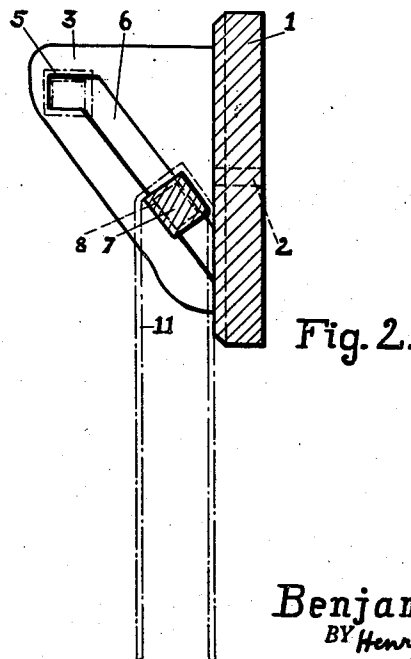
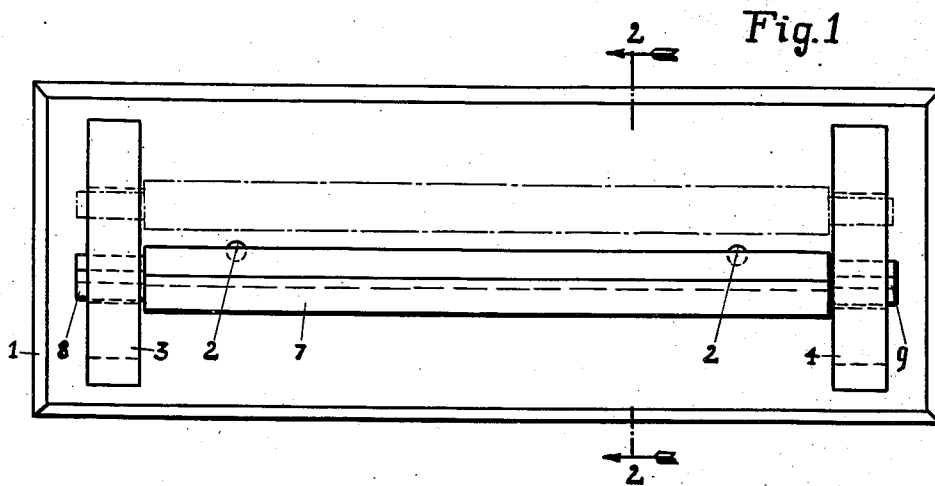
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TIE LOCK

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TIE LOCK

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3 Claims. (Cl. 211—124)

This invention relates to improvements in tie racks and, more specifically, to a new and improved tie lock adapted to be attached to a vertical surface, for instance to the door of a closet or wardrobe.

The main object of the present invention is the provision of a device of the character described which will hold ties in a more orderly manner than other tie racks or tie holders hitherto used and which will prevent an unintended dislodging or a falling down of a tie, but which will allow to arrange the ties upon it without the necessity of lifting, holding or otherwise manipulating a part while one or more ties are being placed upon the device so that a person has both hands free for handling the ties;

Another object of the present invention is the provision of a device of the character described which can be made of wood or plastic material and which is simple in construction and inexpensive to manufacture so that it can be sold at a very reasonable price.

Further objects of the instant invention reside in any novel feature of construction or operation or novel combination of parts present in the embodiment of the invention described and shown in the accompanying drawing whether within or without the scope of the appended claims and irrespective of other statements as to the scope of the invention contained herein.

In the drawing:

Figure 1 is a front elevation of a preferred embodiment of the present invention; and

Fig. 2 is a sectional view on the line 2—2 of Fig. 1.

Similar numerals refer to similar parts throughout the several views.

The device consists only of four parts, namely of a base plate 1 of wood or the like having holes 2 for facilitating its attachment to the door of a closet or to any other vertical surface by means of screws or nails (not shown) extended through the holes 2, of brackets 3 and 4 which extend perpendicularly from one side of the base plate 1 and which are secured thereto in spaced relation to each other, and of a bar 7 carried by the brackets 3 and 4 and adapted to be shifted up and down in slots which are provided in the brackets 3 and 4. The slot in each bracket has a horizontal upper portion 5 and a lower portion 6, which is downwardly inclined toward the base plate 1, as may be seen in Fig. 2.

Bar 7, which is preferably square in cross-section, has reduced end portions 8 and 9, which also are preferably square in cross-section. The

slots in the brackets 3 and 4 register with each other, and the reduced end portions 8 and 9 fit loosely into said slots. By means of this arrangement, the bar 7 can be shifted up and down in the slots, but it cannot be moved axially. When bar 7 is shifted upwards so that its reduced end portions 8 and 9 engage the horizontal portions 5 of the slots, it will remain in the position indicated in dash-and-dotted lines so that ties can be hung readily over bar 7 without holding the same. The bar 7 normally engages the center portions of the ties so that both side portions of the ties are suspended therefrom. When the ties have been arranged upon bar 7, the bar 7 will, upon pushing it toward the base plate 1, slide downwardly along the inclined portions 6 of the slots until it reaches the position shown in full lines. In this position, one edge of bar 7 will press the ties 11 (indicated in dash-and-dotted lines in Fig. 2) against the base plate 1, thus locking the ties. This will prevent a slipping of the ties off the bar 7 and a dislodging of the ties, because the weight of bar 7 acts constantly upon the ties in the manner referred to.

While there has been shown and described and pointed out the fundamental novel features of the invention as applied to a single modification, it will be understood that various omissions and substitutions and changes in the form and details of the device illustrated and in its operation may be made by those skilled in the art without departing from the spirit of the invention. It is the intention, therefore, to be limited only as indicated by the scope of the following claims.

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

1. A tie lock comprising a longitudinal base plate adapted to be affixed to a vertical surface; brackets perpendicularly extending from said base plate and secured thereto in spaced relation to each other, each of said brackets having a slot in the upper portion of which is horizontal and the lower portion of which is downwardly inclined toward said base plate, said slots in said brackets registering with each other; and a longitudinal bar carried by said brackets and having reduced end portions which fit loosely into said slots so that said bar can be shifted up and down.

2. A tie lock comprising a longitudinal base plate adapted to be affixed to a vertical surface; brackets perpendicularly extending from one side of said base plate and being secured thereto in

spaced relation to each other, each of said brackets having a slot the upper portion of which is horizontal and the lower portion of which is downwardly inclined toward said base plate, said slots in said brackets registering with each other; and a bar carried by said brackets adapted to receive the center portion of ties so that both side portions of the ties are suspended therefrom, said bar having reduced end portions which fit loosely into said slots.

3. A tie lock comprising a longitudinal base plate; two brackets perpendicularly extending from the front side of said base plate and being secured thereto in spaced relation to each other, each of said brackets having a slot the upper

portion of which is horizontal and the lower portion of which is downwardly inclined toward said base plate, said slots in said brackets registering with each other; and a bar which is square in cross-section and which has square reduced end portions being carried by said brackets and adapted to hold a plurality of ties suspended therefrom, the reduced end portions of said bar extending through and fitting loosely into said slots so that said bar can be shifted up and down in said slots and that one of its edges presses against said base plate by means of gravity when the end portions engage the inclined portions of said slots.

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