Sept. 30, 1952 L. E. EARLL 2,612,274

RACK

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Fig. 1

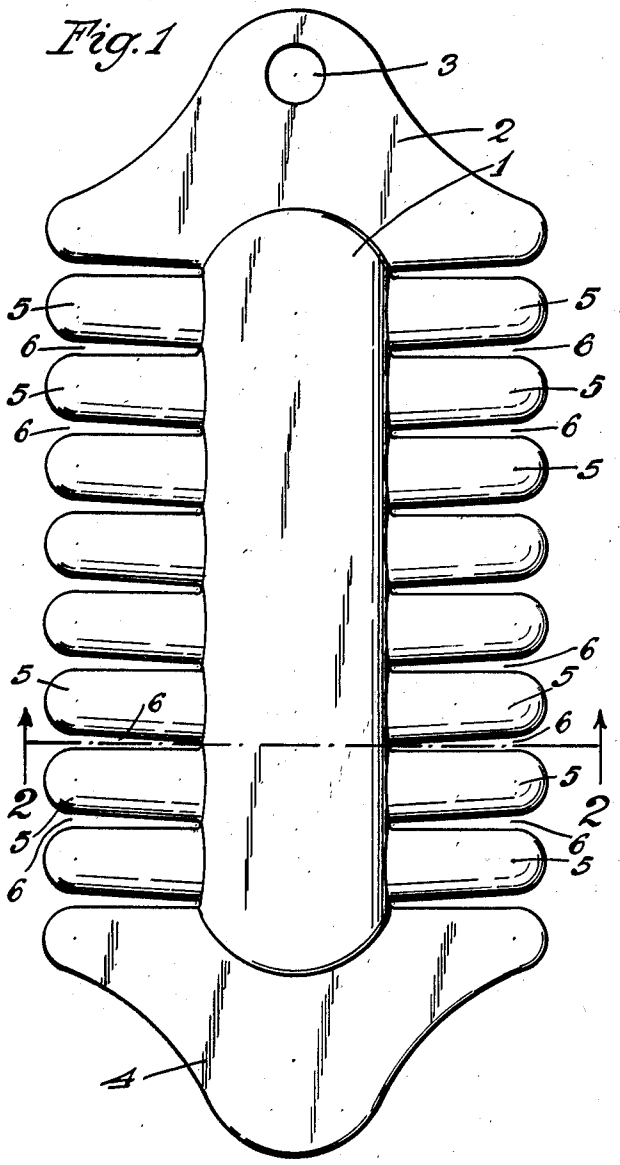


Fig. 3

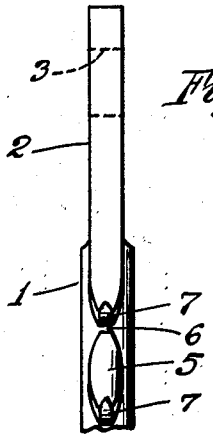


Fig. 4

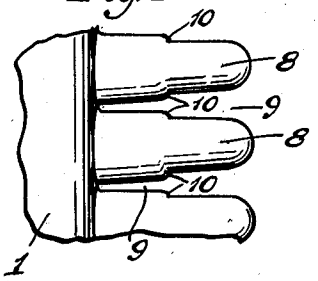
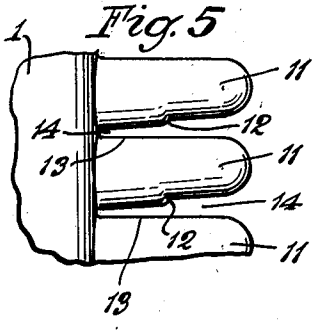


Fig. 5



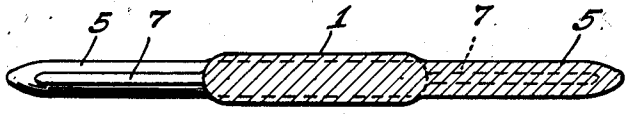


Fig. 2

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RACK

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5 Claims. (Cl. 211—89)

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This invention relates to a rack or holder for ties or similar articles and has for one object to provide a unitary rack with rigid parts so arranged that ties or comparable articles may be readily placed in the rack and readily removed from it and so that they will be firmly held in place.

Another object is to provide a tie rack so arranged that ties or similar articles of different thickness or size may be readily put in place.

Another object is to provide a rack so arranged that it can be readily suspended from a fixed surface.

Another object is to provide a rack so arranged that when suspended will exert some pressure on the ties or similar articles.

Other objects will appear from time to time in the course of the specification and claims.

The invention is illustrated more or less diagrammatically in the accompanying drawings, wherein:

Figure 1 is a side elevation of one form of the device;

Figure 2 is a transverse section on an enlarged scale taken on the line 2—2 of Figure 1;

Figure 3 is an edge elevation on an enlarged scale of a portion of the device;

Figure 4 is a fragmentary side elevation of a modified notch or slot arrangement; and

Figure 5 is a fragmentary elevation of a further slot or notch arrangement.

Like parts are indicated by like symbols throughout the specification and drawings.

As shown, the device comprises a portion 1, which may be considered a body portion. It is preferably integrally formed with an upper or top portion 2 which may be perforated as at 3 to receive a hook or other object upon which the device is suspended or supported. A bottom portion 4 may be included.

A plurality of outwardly projecting members 5 are formed preferably integrally with the body portion 1. The members 5 define between themselves tapered slots 6. If desired flattened portions or surfaces 7 may be formed on the member 5. The invention is not limited to the presence of the flattened portions.

In the modified form of Figure 4 instead of the fingers or parts 5, fingers or parts 8 are substituted. These parts or fingers have slots 9. The fingers 8 instead of having straight surfaces are shaped to provide tapered slots having shoulders 10. Thus the slot 9 is somewhat wider by comparison to the slot 6 and is in effect provided with two different tapers. One taper is

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formed outwardly from the shoulder 10 and the other taper is formed inwardly of the shoulder 10. In further modification of Figure 5 fingers or members 11 are provided. On their upper surfaces or on one surface, whether on the upper or lower surface, a finger is provided with a shoulder 12. On the co-operating surface of the adjoining finger 11 the surface is formed as at 13 and thus the slot 14, which is formed by the fingers 11 of Figure 5, has on one side a smooth side and on the other side a notched surface.

It will be realized that, whereas, I have described and illustrated a practical and operative device, nevertheless many changes may be made in the size, shape, number and disposition of parts without departing from the spirit of my invention. I therefore wish my description and drawings to be taken as in a broad sense illustrative or diagrammatic, rather than as limiting me to my precise showing.

The use and operation of the device are as follows:

The device is preferably suspended on a support of such nature that the rack will lie, when free to do so, close to or against the surface of the support. Where the fingers are in the form of the members 5, 8 or 11, tapered slots are provided between each pair of fingers. A tie is inserted between the fingers, preferably the tie will be folded at approximately its middle and the fold will be thrust into the slot 6, 9 or 14 until the tie is held in place, leaving a small portion of the folded end or middle portion of tie protruding from front of device and the remaining part of tie hanging down the back of device, which enables the user to see all of the ties from the front of device, simplifying selection. The device will then be permitted to hang down, and the tie may thus be pressed to some degree against the surface of the support upon which the rack hangs. Not only does this pressure against the surface tend, to some extent, to straighten out wrinkles in ties, but it also prevents tubing and twisting of ties. Because neck ties are cut on the bias of the material they sometimes have a tendency to tube or twist, especially in damp weather. Since the slots in all the forms are tapered, the rack is adaptable to ties of many thicknesses. Some ties, particularly those made by knitting or those of relatively heavy material, will be substantially thicker than those of silk or thin material. The notched slots of Figures 4 and 5 are of importance primarily for providing a greater variation in slot diameter.

In the form of Figure 4, a thick tie such as one

made of thick wool, even when folded or otherwise, may be tightly engaged when it has been pushed into only that part of the slot which lies outwardly of the shoulders 10. A thinner tie may be tightly engaged only when it is pushed into the slot which lies inwardly of the shoulder 10.

In the form of Figure 5, only one shoulder 12 is provided, but this alone provides for the outer portion of the slot 14 a width greater than that which would have been provided had the notch construction not been present and had two widths of the fingers 11 been comparable to that found in Figure 1 in which the fingers 5 are so shaped as to give to the slots 6 a continuous or uninterrupted taper. It is to be understood that the taper may be along a curved rather than a straight line in each form of the device.

I claim:

1. In combination in a tie rack, a main body part having substantially parallel sides, a top member, said member shaped for engagement with a support, and a plurality of oppositely positioned tapered finger members extending laterally from said main body member, each finger being shaped to provide with an adjacent finger an inwardly tapered slot the inner extremity of which is defined by the juncture of each two adjacent fingers with said main body part, said fingers being shouldered intermediate their ends.

2. In combination in a tie rack, a main body part having substantially parallel sides, a top member, said member shaped for engagement with a support, and a plurality of oppositely positioned tapered finger members extending laterally from said main body member, each finger being shaped to provide with an adjacent finger a tapered slot the inner extremity of which is defined by the juncture of each two adjacent fingers with said main body part, said slot having its greatest diameter at its outer end being progressively reduced toward its inner end, said fingers being shouldered intermediate their ends.

3. In combination in a tie rack, a main thickened body part having substantially parallel sides, a laterally projecting top member, said member shaped by perforation for engagement with a support, and a laterally extending integral bottom member, and a plurality of oppositely positioned tapered finger members extending laterally from said main body member, each finger being shaped to provide with an adjacent finger an inwardly tapered slot, said fingers being shouldered intermediate their ends, the lower and the upper edge, respectively, of said top member and of said bottom member cooperating with the upper and lower edges, respectively, of the respective adjacent, oppositely positioned finger members to provide in each case a tapered slot.

4. In combination in a tie rack, a main thickened body part having substantially parallel sides, a laterally projecting top member, said member shaped by perforation for engagement with a support, and a laterally extending integral bottom member, and a plurality of oppositely positioned tapered finger members extending laterally from said main body member, each finger being shaped to provide with an adjacent finger a tapered slot, said slot having its greatest diameter at its outer end being reduced toward its inner end, said fingers being provided with flat surfaces, said fingers being shouldered intermediate their ends, the lower and the upper edge, respectively, of said top member and of said bottom member cooperating with the upper and lower edges, respectively, of the respective adjacent, oppositely positioned finger members to provide in each case a tapered slot.

5. In combination in a tie rack, a main thickened body part having substantially parallel sides, a laterally projecting top member, said member shaped by perforation for engagement with a support, and a laterally extending integral bottom member, and a plurality of oppositely positioned tapered finger members extending laterally from said main body member, each finger being shaped to provide with an adjacent finger a tapered slot, said slot having its greatest diameter at its outer end being progressively reduced toward its inner end, said fingers being provided with flat surfaces, said fingers being shouldered intermediate their ends, the lower and the upper edge, respectively, of said top member and of said bottom member cooperating with the upper and lower edges, respectively, of the respective adjacent, oppositely positioned finger members to provide in each case a tapered slot.

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