Jan. 21, 1964 J. K. McKEEVER ETAL 3,118,541

NECKTIE RACK

Filed Jan. 24, 1962

Fig. 1.

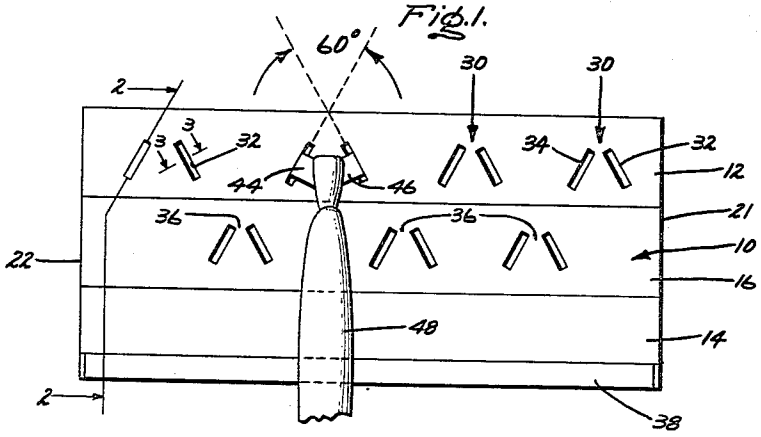


Fig. 2.

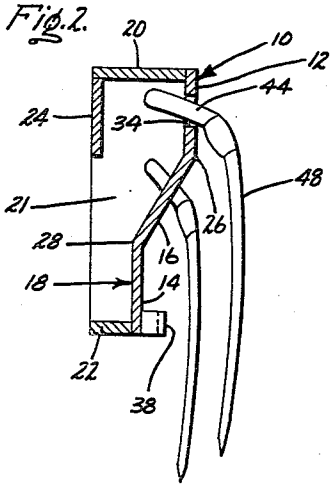


Fig. 3.

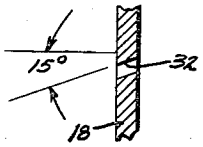


Fig. 4.

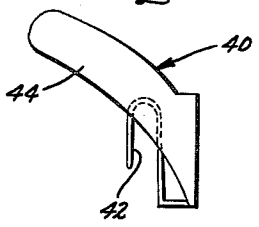


Fig. 6.

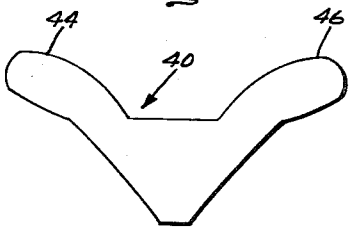


Fig. 7.

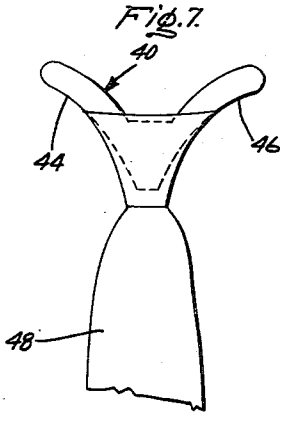
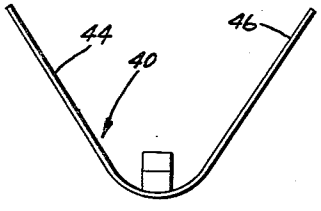


Fig. 5.



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3,118,541

NECKTIE RACK

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The present invention relates to a necktie rack and more particularly to a tie rack adapted to have suspended therefrom conventional pre-tied neckties having snap-on clips attached thereto.

Over the past many years, neckties have been conventionally manually tied around the wearer's neck in a decorative knot. In recent years, pre-tied neckties have become popular wherein the decorative knot has been pre-tied around a clip which conveniently attaches to a wearer's collar. The clip by means of which the necktie is fastened to the collar is in the form of a V-shaped plastic spring having a hook thereon, the arms of the V passing upwardly underneath the ends of the collar and the hook engaging the collar immediately beneath the knot so as to suspend the necktie in place. Such neckties may be quickly installed or removed and furthermore present a well-dressed appearance.

The older, more conventional neckties consisted primarily of an elongated strip of cloth fabric, and such neckties were normally stored on tie racks consisting primarily of an ordinary bar over which the neckties were suspended. The newer ties as described hereinabove are not so easily suspended from an ordinary bar for storing the same, so they are usually laid flat in some receptacle such as a dresser drawer. This method of storing the neckties is not entirely satisfactory inasmuch as it is an easy matter for them to become wrinkled and unsightly in appearance.

It is therefore an object of this invention to provide a necktie rack which is capable of suspending a plurality of the newer, conventional ties as described hereinabove.

It is another object of this invention to provide a necktie rack wherein both the newer and older neckties may be stored without interfering with each other.

It is still another object of this invention to provide a necktie rack capable of receiving and suspending the newer, conventional neckties in such a manner that the latter may be easily and quickly mounted on and removed from the rack with a minimum of trouble and effort.

Other objects will become apparent as the description proceeds.

The above-mentioned and other features and objects of this invention and the manner of attaining them will become more apparent and the invention itself will be best understood by reference to the following description of an embodiment of the invention taken in conjunction with the accompanying drawings, wherein:

FIG. 1 is a front elevation of one embodiment of this invention;

FIG. 2 is a sectional illustration taken substantially along section line 2—2 of FIG. 1;

FIG. 3 is a fragmentary sectional view taken substantially along the section line 3—3 of FIG. 1;

FIGS. 4, 5 and 6 are side, top and end views, respectively, of the conventional clip to which neckties may be permanently tied; and

FIG. 7 is a fragmentary illustration in front view of the newer, conventional necktie which is permanently tied in a decorative knot to the clip of the preceding FIGS. 4, 5 and 6.

Referring to the drawings, the necktie rack comprising this invention includes a front panel, generally indicated by the reference numeral 10, which is divided vertically

into upper, lower and intermediate sections 12, 14 and 16, respectively. In the illustrated embodiment of this invention, each of these sections 12, 14 and 16 are of substantially the same size and rectangular shape, the front and rear surfaces thereof being flat whereby the same may be fabricated of self-supporting sheet stock of wood, plastic or the like.

The rear surface 18 of the front panel 10 is substantially enclosed by top and bottom sides 20 and 22, respectively, two end panels 21 and 22, respectively, and a partial rear side 24 which extends downwardly from the rear edge of the upper side 20 as shown in FIG. 2. The tie rack as thus illustrated resembles somewhat a box having a certain depth, this depth being significant for a reason which will become apparent from the following description.

More particularly, the upper section 12 is provided with a lower longitudinal edge which is joined to the upper longitudinal edge of the intermediate section 16 in an obtuse angle as shown more clearly in FIG. 2. Similarly, intermediate section 16 is provided with a lower edge which is joined to the upper edge of the lower section 14 in another obtuse angle. These joined edges between the upper, lower and intermediate sections are indicated by the reference numerals 26 and 28, respectively. Further, examination of FIG. 2 will disclose that the upper and lower panel sections 12 and 14 lie in parallel planes which are spaced apart, with these sections also being vertically spaced apart with the intermediate section 16 being connected therebetween as shown. The importance of this feature will become apparent from the following description.

In the upper panel section 12 is formed a plurality of longitudinally spaced pairs 30 of slots, the slots 32 and 34 which make up each pair also being spaced longitudinally apart. As shown in both FIGS. 1 and 2, the two slots 32 and 34 are elongated, respectively, and are set at an angle such that they extend downwardly and away from each other. Preferably, this angle is 60° as shown in FIG. 1 with the bisector of the angle being precisely vertical. The two slots 32 and 34 are spaced apart a distance which will become more apparent from the following description.

In addition to the slots 32 and 34 being set at an angle with respect to each other as just explained, they are also individually angled in cross-section by an amount of 15° as shown more clearly in FIG. 3. This angle in each slot 32 and 34 extends from the front to the rear surface of the panel section in a direction away from the adjacent slot, this particular angle and the direction thereof being for a purpose which will become apparent from the following description.

The slot pairs 30 in the panel section 12 are spaced apart longitudinally as shown. Vertically aligned with these spaces are other slot pairs 36 in the intermediate section 16, these pairs 36 being in the preferred embodiment identical to the slots in the panel section 12.

Attached to the bottom horizontal edge of the lower section 14 is a bar 38 which is spaced therefrom and is also parallel thereto. As shown more clearly in FIG. 2, the bar 38 also is positioned in between the planes of the panel sections 12 and 14. The reason for this particular placement will become apparent from the following description.

The new, conventional pre-tied neckties are shown in outline form in FIGS. 1 and 2 and also in various parts in FIGS. 4 through 7. Referring to these latter figures, the necktie which forms no part of this invention and which is a part of the prior art is composed of a collar clip or fastener generally indicated by the reference numeral 40. The clip is V-shaped and is formed prefer-

ably of a resilient plastic material. A hook-like member 42 attaches to the apex of the clip in the position shown more clearly in FIG. 4 and extends rearwardly between the two clip arms 44 and 46.

A cloth fabric necktie 48 as shown in FIG. 7 is tied in a decorative knot onto the clip 40, this particular tie being permanent.

The necktie, shown as composed in FIG. 7, may be easily suspended from the rack of FIGS. 1 and 2 by merely inserting the arms 44 and 46 into the respective slots 32 and 34 of a pair 30 or 36. In FIG. 1, the necktie is being shown as being suspended from one pair of slots 30.

Other neckties may be inserted in the slots 36 such that they will not overlie nor interfere with the ties suspended from the panel section 12.

The slots 32 and 34 of each pair 30 and 36 are so formed that the arms 44 and 46 of the tie clip may be inserted fully thereinto to the position shown in FIGS. 1 and 2 with very little or no force. With the slots 32 and 34 spaced properly apart, very little of the arms 44 and 46 are exposed on the front side of the rack, whereby the rack attractively displays the ties. The particular angle of the slots also holds the necktie in a natural and attractive position, which is an important feature in connection with the display of neckties for sales purposes. The slots 32 and 34 are spaced apart a distance approximately the spacing between arms 44 and 46 at a point immediately to the rear of the knot.

Further with respect to the angularity of the slots 32 and 34, comparison of the angles thereof with the tie clips 40 will reveal that the angles of both are conformed to each other such that the clip has a natural fit with the angled slots.

As shown more clearly in FIG. 2, the depth of the tie rack permits the arms 44 and 46 to extend thereinto without interference, whereby the racks may be suspended or otherwise attached to a wall surface for support.

While neckties may be inserted into both panel sections 12 and 16, conventional ties may be placed over the horizontal bar 38 without interfering therewith.

While we have described above the principles of our invention in connection with specific apparatus, it is to be clearly understood that this description is made only by way of example and not as a limitation to the scope of our invention.

What is claimed is:

1. A necktie rack comprising upper, lower and intermediate panel sections, each section being elongated, flat and rectangular in shape, said upper panel section having a lower longitudinal edge which is joined to an upper longitudinal edge of said intermediate panel section, said intermediate panel section also having a lower longitudinal edge joined to an upper longitudinal edge of said lower section, said lower and upper sections lying in parallel planes which are spaced apart, said upper section extending forwardly of said lower section, said upper section also being disposed above said lower section, said intermediate section lying in a plane at an angle to the parallel planes, all of said sections having front and rear surfaces, the surfaces of said intermediate section intersecting the surfaces of said upper and lower panels in obtuse angles, said upper section having a plurality of first pairs of slots longitudinally spaced apart, each pair of slots comprising two elongated apertures which are spaced apart with the lengths thereof being set at an angle to each other and extending downwardly and away from each other, said two apertures also being angled away from each other from the front to the rear surfaces, said intermediate section also having a plurality of second pairs of slots longitudinally spaced apart, said second pairs of slots being substantially identical to said first pairs of slots, said second pairs of slots being vertically aligned with the spaces, respectively, between the first pairs of slots, and an elongated bar secured to the front surface of said lower section, said bar being parallel to and spaced from said lower section and lying between the planes of said upper and lower sections.

2. A necktie rack comprising upper, lower and intermediate panel sections, each section being elongated, flat and rectangular in shape, said upper panel section having a lower longitudinal edge which is joined to an upper longitudinal edge of said intermediate panel section, said intermediate panel section also having a lower longitudinal edge joined to an upper longitudinal edge of said lower section, said lower and upper sections lying in parallel planes which are spaced apart, said upper section extending forwardly of said lower section, said upper section also being disposed above said lower section, said intermediate section lying in a plane at an angle to the parallel planes, all of said sections having front and rear surfaces, the surfaces of said intermediate section intersecting the surfaces of said upper and lower panels in obtuse angles, said upper section having a plurality of first pairs of slots longitudinally spaced apart, each pair of slots comprising two elongated apertures which are spaced apart with the lengths thereof being set at an angle to each other and extending downwardly and away from each other, said two apertures also being angled away from each other from the front to the rear surfaces, said intermediate section also having a plurality of second pairs of slots longitudinally spaced apart, said second pairs of slots being substantially identical to said first pairs of slots, and an elongated bar secured to the front surface of said lower section, said bar being parallel to and spaced from said lower section and lying between the planes of said upper and lower sections.

3. A necktie rack comprising upper, lower and intermediate panel sections, each section being elongated, flat and rectangular in shape, said upper panel section having a lower longitudinal edge which is joined to an upper longitudinal edge of said intermediate panel section, said intermediate panel section also having a lower longitudinal edge joined to an upper longitudinal edge of said lower section, said lower and upper sections lying in parallel planes which are spaced apart, said upper section extending forwardly of said lower section, said upper section also being disposed above said lower section, said intermediate section lying in a plane at an angle to the parallel planes, all of said sections having front and rear surfaces, the surfaces of said intermediate section intersecting the surfaces of said upper and lower panels in obtuse angles, said upper section having a plurality of first pairs of slots longitudinally spaced apart, each pair of slots comprising two elongated apertures which are spaced apart with the lengths thereof being set at an angle to each other and extending downwardly and away from each other, and an elongated bar secured to the front surface of said lower section, said bar being parallel to and spaced from said lower section and lying between the planes of said upper and lower sections.

4. A necktie rack comprising a panel which is elongated in a horizontal direction and divided vertically into upper, lower and intermediate sections, the upper and lower sections having front surfaces respectively which lie in parallel planes with the surface of said upper section extending forwardly of the surface of said lower section, said upper and lower sections being vertically spaced apart with said intermediate section extending at an angle therebetween, said upper section having a plurality of first pairs of slots longitudinally spaced apart, each pair of slots comprising two elongated apertures which are spaced apart with the lengths thereof being at an angle to each other and extending downwardly and away from each other, said intermediate section also having a plurality of second pairs of slots longitudinally spaced apart, said second pairs of slots being substantially identical to said first pairs of slots, and a horizontally extending bar secured to said lower section and extending parallel thereto, said

bar being disposed to the rear of the plane of said upper section front surface.

5. The rack of claim 4 wherein the angle between the two apertures of each pair of slots is sixty degrees with the bisector thereof being vertically aligned.

6. A necktie rack comprising a panel which is elongated in a horizontal direction and divided vertically into upper, lower and intermediate sections, the upper and lower sections having front surfaces respectively which lie in parallel planes with the surface of said upper section extending forwardly of the surface of said lower section, said upper and lower sections being vertically spaced apart with said intermediate section extending at an angle therebetween, said upper section having a plurality of first pairs of apertures longitudinally spaced apart, said intermediate section also having a plurality of second pairs of apertures longitudinally spaced apart, and a horizontally extending bar secured to said lower section and extending parallel thereto, said bar being disposed to the rear of the plane of said upper section front surface.

7. A necktie rack comprising a panel which is vertically divided into upper and lower sections, said sections having front surfaces which intersect in obtuse angles, said upper section having a plurality of first pairs of slots horizontally spaced apart, each pair of slots comprising two elongated apertures which are horizontally spaced apart with the lengths thereof being at an angle to each other and extending downwardly away from each other, said lower section also having a plurality of second pairs of slots being substantially identical to said first pairs of slots.

8. The rack of claim 1 and including two end panels which attach to the opposite ends respectively of said panel sections and extend rearwardly thereof thereby providing a partial enclosure which can serve to space said panel sections forwardly of a supporting wall.

9. A necktie rack comprising an elongated panel having a flat front surface, a plurality of pairs of slots in said panel horizontally spaced apart when said panel is disposed horizontally and said surface is upright, the slots of each pair also being horizontally spaced apart on said panel and extending at an angle downwardly and away from each other.

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