July 4, 1944. L. K. SINGLEY 2,352,741

HOLDER FOR NECKTIES OR THE LIKE

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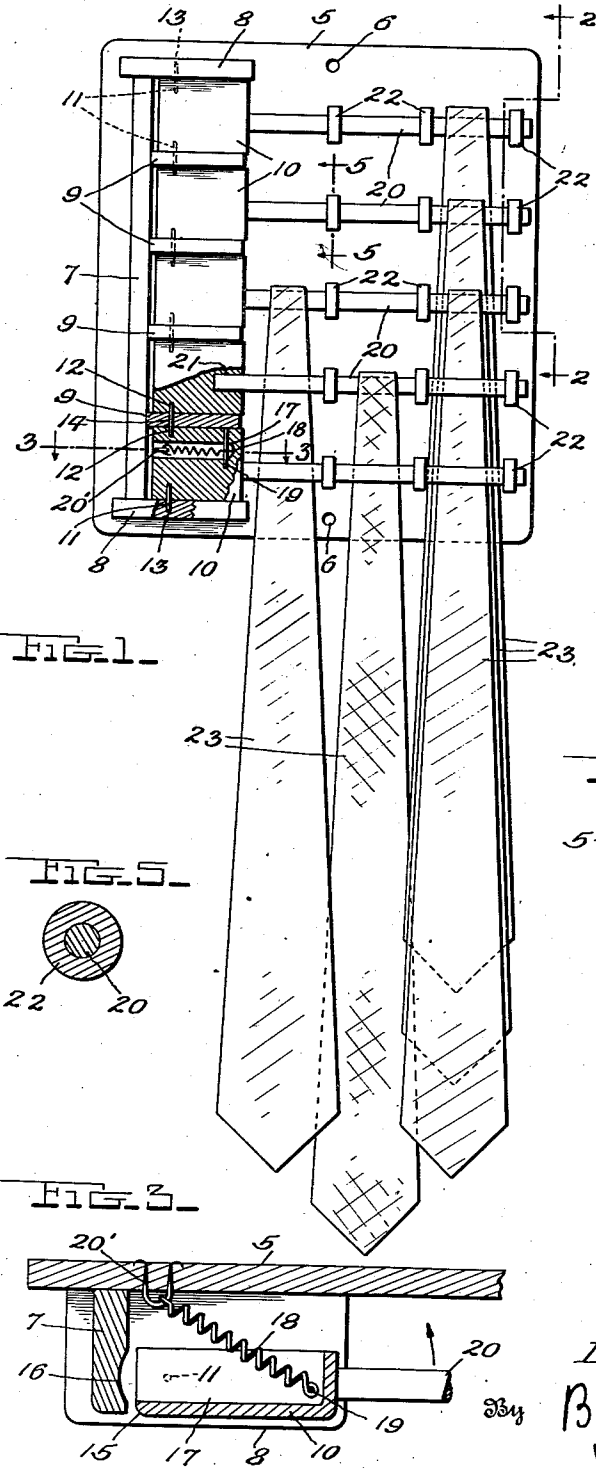


FIG. 1

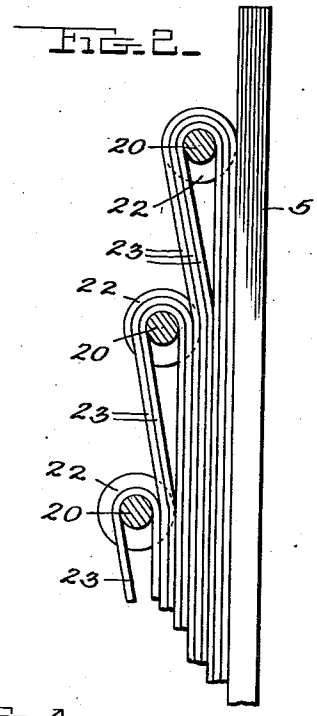


FIG. 2



FIG. 5

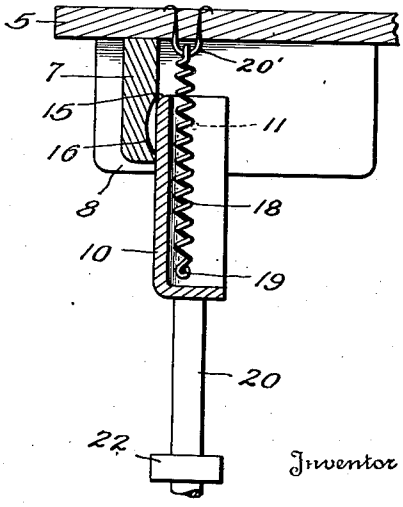


FIG. 4



FIG. 3

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## HOLDER FOR NECKTIES OR THE LIKE

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3 Claims. (Cl. 211—97)

My invention relates to a holder for neckties or the like.

An important object of the invention is to provide a device of the above mentioned character for supporting a number of neckties or the like and which will permit of an easy and convenient selection and removal of the necktie or neckties.

A further object of the invention is to provide a device of the above mentioned character which will exert a yielding pressure upon the rumpled or folded portions of the necktie or neckties to smooth or press the same.

A further object of the invention is to provide yielding means which will hold the arm in the opened and closed positions when shifted thereto.

A further object of the invention is to provide separators for the arms, for retatining the neckties or the like in place upon the arm.

A further object of the invention is to provide a device of the above mentioned character, which when the arms are in the inner or folded position, will be relatively flat, for taking up the minimum space, and which may be attached to a supporting surface, such as the side of a door.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawing forming a part of this application and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a front side elevation of the combined rack and press embodying my invention, parts being shown in section for the purpose of illustration,

Figure 2 is a vertical section taken on line 2—2 of Figure 1,

Figure 3 is a horizontal section taken on line 3—3 of Figure 1, showing the arm in the inner or closed position,

Figure 4 is a similar view showing the arm in the opened position, and

Figure 5 is a section taken on line 5—5 of Figure 1.

In the drawing, wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 5 designates a preferably flat base, to be vertically arranged in use and this base may be provided near its top and bottom with openings 6 for receiving screws or the like, for attaching the base 5 to a supporting surface, such as the side of a closet door.

A vertical supporting unit is rigidly secured to the front face of the base 5, near one vertical edge thereof, this supporting unit comprising a vertical strip 7 having end horizontal strips 8 arranged at a right angle thereto, and spaced intermediate horizontal strips 9, also arranged at a right angle to the vertical strip 7. The horizontal strips 8 and 9 may be rigidly secured to the vertical strip 7 by glue or any other suitable means and these strips are also secured to the base 5 by glue or any other suitable means.

The numeral 10 designates horizontal blocks, heads, or carriers, which are preferably rectangular and are disposed between the end strips 8 and the next intermediate strips 9 and between the intermediate strips 9. The upper and lower edges of these carriers preferably slidably engage the horizontal strips, as shown. The carriers 10 are pivotally connected with the horizontal strips by vertical pins 11, entering openings 12 formed in the carriers. The end pins 11 are held within openings 13 formed in the end strips 8 while the intermediate pins 11 pass through openings 14 formed in the intermediate strips 9, as shown. These pins are arranged near and spaced from the vertical edges of the carriers 10 and preferably at the central longitudinal axis of the carrier, Figures 3 and 4. It is thus seen that each carrier is pivotally mounted to swing horizontally with respect to the supporting unit to assume an inner or closed position, Figure 3, or an outer or open position at substantially a right angle to the base 5, Figure 4. The outer vertical edge of each carrier is preferably rounded at 15, and the vertical strip is provided adjacent to this rounded edge with a horizontally curved recess 16 which will provide suitable clearance for the swinging movement of the carrier 10.

Each carrier is provided upon its inner or rear face with a recess or groove 17, extending through the rear face, terminating short of the inner vertical edge and extending through the outer vertical edge of the carrier. Operating within the recess 17 is a retractile coil spring 18, attached to the carrier at one end by a pin 19, out of alignment with the pin 11 in a direction longitudinally of the carrier and therefore laterally spaced from the same. The opposite end of the spring 18 is secured to a staple 20' or the like, attached to the base 5. The staple 20' is preferably in alignment with the pin 19, when the carrier 10 is in the open position, Figure 4. As shown in Figure 3, when the carrier 10 is in the inner position and substantially parallel with the base 5, the pin 19 is then positioned upon the inner side of the pin 11 and the spring will then hold the carrier in such inner position, and when the carrier 10 is swung to the open position, Fig-

ure 4, the pin 19 is then disposed upon the outer side of the pin 11, whereby the spring holds the carrier in the outer position, the outward movement of the carrier being limited by its contact with the strip 7, Figure 4.

Each carrier 10 is equipped with a horizontal arm 20, rigidly secured at its inner vertical edge, by any suitable means. For this purpose the carrier may be equipped at its inner vertical edge with an opening 21, to receive the end of the arm 20, which may have a driving fit within the opening 21.

The horizontal arms 20 are disposed in superposed relation and each arm carries a plurality of spaced annular separators 22. The annular separators receive the arm therein and may have a driving fit therewith. The separators 22 of the several horizontal arms are arranged in vertical aligned groups, providing vertically aligned spaces for receiving neckties 23.

It is preferred to form the various elements of the device of wood, excepting the pins 11, pins 19, staples 20' and spring 18 which would ordinarily be formed of metal. However, these various elements may be formed of any suitable material, such as plastics, metal or the like.

While it is preferred to equip the horizontal arms 20 with the separators 22, arranged as shown, yet some degree of success may be had by omitting these separators, as the neckties may be properly grouped upon the arms without the separators.

The operation of the device is as follows:

The base 5 is vertically placed and may be secured to the side of a door or the like. To place the neckties upon a selected arm 20, such arm is swung to the open position, Figure 4. The necktie 23 is then passed about the arm 20 between a pair of separators 22. The free ends of the necktie extend downwardly from the arm while the neck engaging portion of the tie embraces the arm. When it is desired to press or smooth the neckties, a plurality of them, such as three, are suspended from the uppermost horizontal arm 20 and are placed behind all the arms 20 beneath the uppermost arm. Neckties are then placed upon selected arms 20 beneath the uppermost arm, such as the second and third arm 20 from the top, Figures 1 and 2. The neckties being arranged in a vertical group, they overlap and the combined thickness of the overlapping neckties is sufficient to retain the separators 22 spaced from the base 5, Figure 2. It is thus seen that the second and third arms 20 from the top will exert a yielding pressure upon the neckties carried by the uppermost arm 20, and this pressure will smooth or press out wrinkles in these neckties. The ties to be smoothed or pressed may be longitudinally adjusted to bring the wrinkled portions beneath the lower arms 20. By arranging neckties upon the fourth and fifth arm 20 from the top, pressure may be applied to the neckties carried by the uppermost arm 20 at still lower elevations. It is obvious that neckties may be applied to any or all of the arms 20, in the manner described. In pressing the wrinkled portions of the ties, if desired, moisture may be applied to the wrinkled portions, and the same manually smoothed out, subsequently to subjecting the same to the pressing action of the device. Also if desired, the tie carried by the upper arm may be placed under longitudinal tension, which would be maintained by the pressure upon the tie from the horizontal arms 20 beneath the uppermost arm. In removing the ties from any given horizontal arm, the lower arms disposed beneath the given arm and in advance of the ties carried thereby are swung to the open position and will be held in this position. The ties may then be removed from the given arm, which may be swung to a partly open position, if desired. When the device is in use, the several arms are retained in the inner position, by the action of the spring 18, thus preventing the ties from being accidentally displaced.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of my invention or the scope of the subjoined claims.

Having thus fully described my invention, what I claim is:

1. A combined rack and press for neckties or the like, comprising a support, generally horizontal supporting devices arranged in superposed relation to receive the neckties or the like thereon, means to pivotally mount the supporting devices upon the support to swing generally horizontally with relation thereto, a spring for each supporting device, means to attach the spring to the support, and an attaching element to secure the spring to the supporting device, the attaching element being out of alignment with the pivotal means in a direction longitudinally of the supporting device, the arrangement being such that the spring will hold the supporting device in the inner and open positions when moved thereto.

2. A combined rack and press for neckties or the like, comprising a generally vertical base, a plurality of superposed carriers arranged upon the front face of the base, each carrier having a recess formed upon its rear face and extending through its outer end, means to pivotally mount each carrier upon the base to swing generally horizontally with relation thereto, a spring extending into the recess, means to attach one end of the spring to the carrier at a point spaced longitudinally from the pivotal means and out of alignment with the pivotal means in a direction longitudinally of the carrier, means to attach the spring to the base, a stop element secured to the base to engage the carrier when swung to the open position, and a generally horizontal arm secured to each carrier.

3. A combined rack and press for neckties or the like, comprising a generally vertical base, a plurality of superposed carriers arranged upon the front face of the base, each carrier having a recess upon its rear face and extending through its outer end, means to pivotally mount each carrier upon the base to swing generally horizontally with relation thereto, a retractile coiled spring extending into each recess and connected with each carrier near its free end, and means to attach the opposite end of the spring to the base, the carrier serving to cover the spring when the carrier is in the inner closed position.

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