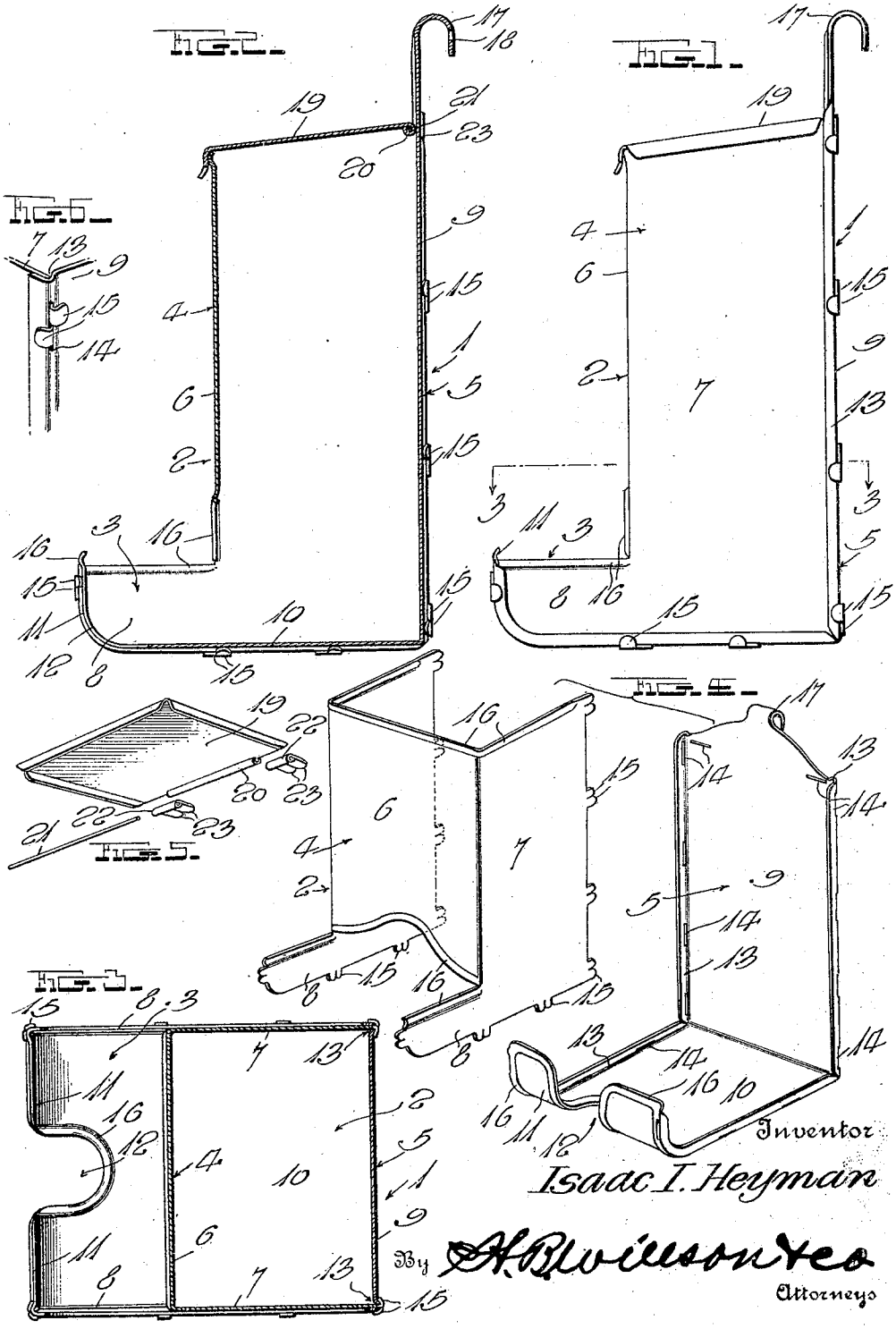
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CLOTHESPIN CONTAINER.

APPLICATION FILED MAY 28, 1920.

1,374,451. Patented Apr. 12, 1921.



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CLOTHESPIN-CONTAINER.

1,374,451. Specification of Letters Patent. Patented Apr. 12, 1921.

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To all whom it may concern:

Be it known that I, ISAAC I. HEYMAN, a citizen of the United States, residing at Irvington, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Clothespin-Containers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in clothes-pin containers or holders, although, it is not to be restricted to such use.

One object of the invention is to generally improve upon and simplify the construction of such devices and to provide one which includes a box provided at its lower end with a forwardly extending trough, the clothes pins being placed in the box and automatically fed, by gravity, from the box into the trough, the latter being provided with a finger inserting opening to permit the pins to be easily and readily removed.

Another object of the invention is to provide a container or holder of the type above set forth, the box having its front wall spaced from its bottom wall to provide a discharge opening for the pins, the lower edge of this wall being curved at its center to permit easy and ready insertion of the hand for the purpose of loosening and separating the pins whenever necessary, said edge being also formed with a reinforcing bead which is so bent that it reduces the chances of possible injury to the hand.

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

In the accompanying drawings forming a part of the specification and in which like numerals are employed to designate like parts throughout the same:

Figure 1 is a side elevation of a clothes-pin holder constructed in accordance with my invention.

Fig. 2 is a central vertical sectional view thereof.

Fig. 3 is a horizontal sectional view taken on the lines 3—3 of Fig. 1, looking in the direction of the arrows.

Fig. 4 is a perspective view of the parts of the holder disconnected.

Fig. 5 is a detail perspective view of the cover and its mounting means.

Fig. 6 is a perspective view of novel manner of connecting the parts of the holder together.

In the drawings, wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 1 designates the container or box as a whole, which includes a rectangular part 2 into which the pins are placed, and a forwardly extending trough 3 at its lower end into which the pins fall. The device in its preferred form is made up of two pieces of sheet material, 4 and 5, the first named of which is bent into channel shape to form the front wall 6 and side walls 7. The lower portion of the front wall is centrally split, and the material is bent outwardly so as to aline with the side walls 7, thus forming the side walls 8 of the trough. The other sheet of material 5 is bent into L-shape and forms the rear wall 9 and bottom wall 10 of the box and the trough, the free end of the bottom wall being curved up as shown to form the front wall 11 of the trough. The front wall 11 and adjacent portion of the bottom 10 is bifurcated as shown at 12 to form an opening through which the fingers may be inserted to readily remove the pins from the trough 3.

A close examination of the sheet of material 5 will disclose the fact that it has channels 13 formed along its longitudinal edges, in the bottom of which are formed slots 14 through which the fastening tongues 15 of the member 4 are passed. It may well be stated here, that the tongues 14 are split and when they are passed through the slots 14, one part is bent against the back wall 9, while the other part is bent in an opposite direction and against the outside wall of the channel, as clearly shown in Fig. 6. With this construction it will be seen that the free edges of the side walls 7 and 8 of the box and trough may be seated in the bottom of the channel, and the tongues 15 bent into effective position in the manner just described, the outside walls of the channels serving to prevent possible displacement of the side walls 7 and 8 from the channels. This construction forms a decidedly strong and rigid container.

To further increase the rigidity of the device, I provide reinforcing beads 16 around the edges of the front walls 6 and 11, side walls 7 and 8, margin of the opening 12 and lower edge of the front wall 6. It is to be noted, as before intimated, that

the lower edge of the front wall 6 is curved at its center to render the discharge opening of the box larger and to permit the hand to be conveniently passed through this opening for the purpose of loosening and separating the pins in case the latter fail to feed properly. Furthermore, the reinforcing beads 16 serve the additional function of reducing the chances of injury to the fingers or hand which are sometimes brought in contact with them.

Attention is directed to the fact that the back wall 9 is extended upwardly beyond the front wall and is bent to form a hook 17 which permits the device to be suspended from a clothes line. When so suspended, the holder may be moved from place to place so that it will be within convenient reach of the user. This is a feature to be considered. If it is not desired to suspend the device in this manner, it may be hung on a nail or hook by means of the opening 18 which is provided for this purpose.

A cover 19 is provided for the part 2 and while it may be connected in various ways, I desire to connect it in the manner shown, the construction for carrying out this feature being clearly shown in Fig. 5. By referring to the same, it will be seen that the cover includes a tubular part 20 through which the pin 21 is to be passed, the latter being then adapted to be further passed through the sleeves 22. The last named parts include tongues 23, which, when passed through the horizontal slots in the rear wall 9 of the box and clenched against the same, retain the cover in position. This is an inexpensive and novel method of fastening a cover in place.

The manner of using my improved clothes-pin holder is as follows: When it is desired to hang clothes on a line, the container may be suspended from the clothes-line in the manner already set forth, and if not already filled, the clothes-pins may be placed in the part 2. When they are placed in the box, the lowermost ones will roll out into the trough and will be in position for ready removal. It is obvious that as the pins are removed, the pins then in the part 2 will feed down by gravity and take the place of those that have been removed. If the device is suspended from the clothes-line it may be moved along the same so as to be within convenient reach of the user. After the clothes are dry and are ready to be taken down, the pins may be dropped into the part 2 and the device will be ready for use whenever desired.

A device constructed in accordance with my invention is not only simple and inexpensive, but it is extremely effective in use in view of the fact that it will greatly facilitate the hanging out or taking down of clothes. Then again, the particular construction which I employ will enable the user to easily and readily remove the pins from the trough and replace them in the container.

I claim:

A clothes pin holder comprising a box and a trough arranged at the lower end of the latter and extending forwardly beyond it, said box and trough being made up of two pieces of sheet material, one piece of which is in the form of a channel which constitutes the front and side walls of the box, the front wall terminating at a point above the lower edges of the side walls and the last named walls carrying integral spaced extensions disposed in alinement therewith and forming the side walls of said trough, said other piece of material being L-shaped and forming the back wall and bottom of the box and also forming the bottom of the trough, the bottom of said trough being bifurcated at its free end to form a finger inserting opening, the front end of said trough bottom being bent up into substantial parallelism with the rear wall of the box and terminating in a substantially horizontal plane with the lower edge of the front wall of the box, and the upper end of said back wall of the box having a supporting hook.

In testimony whereof I have hereunto set my hand.

ISAAC I. HEYMAN.