Sept. 4, 1928. 1,683,328

O. BREITHAUPT

NAIL CONTAINER AND DISPENSER

Filed July 9, 1927

Fig. 1.

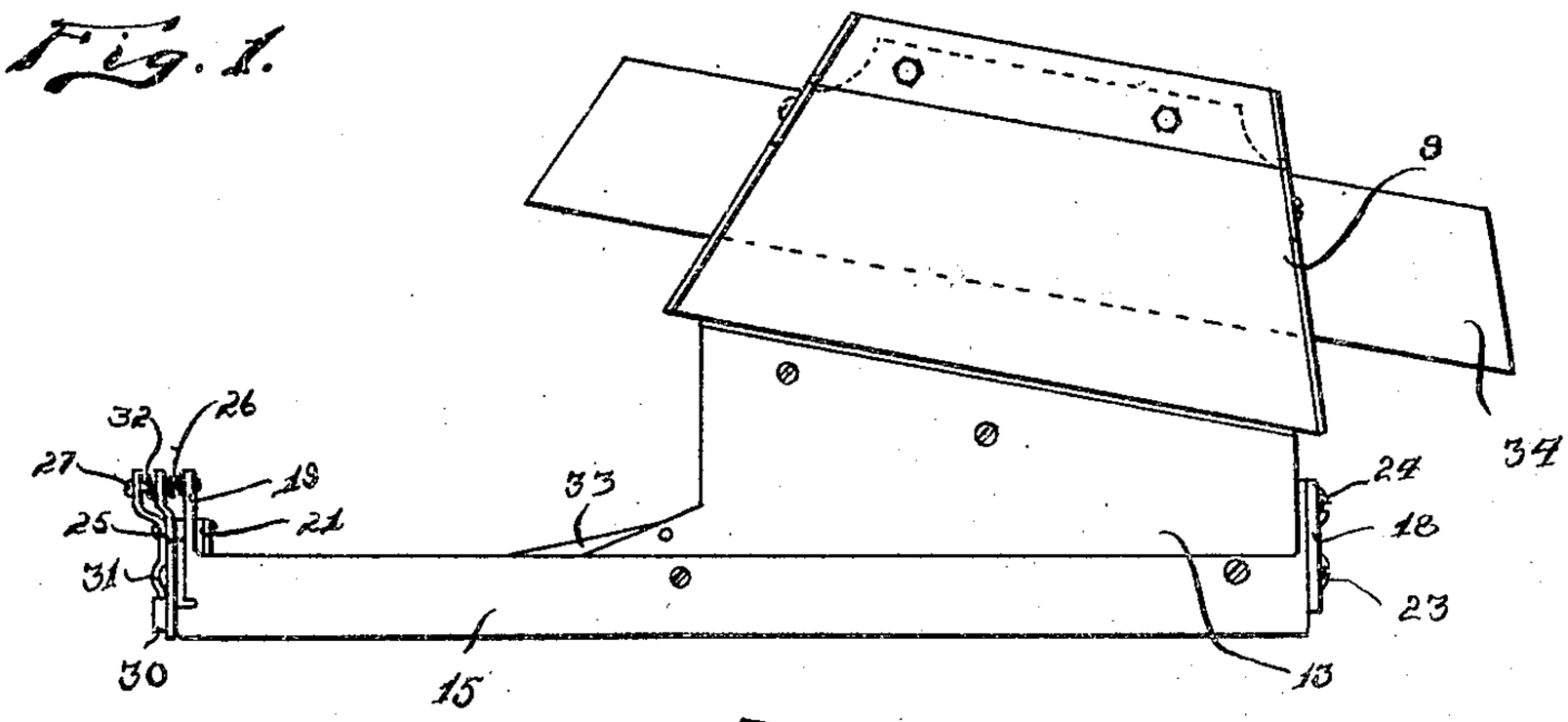


Fig. 2.

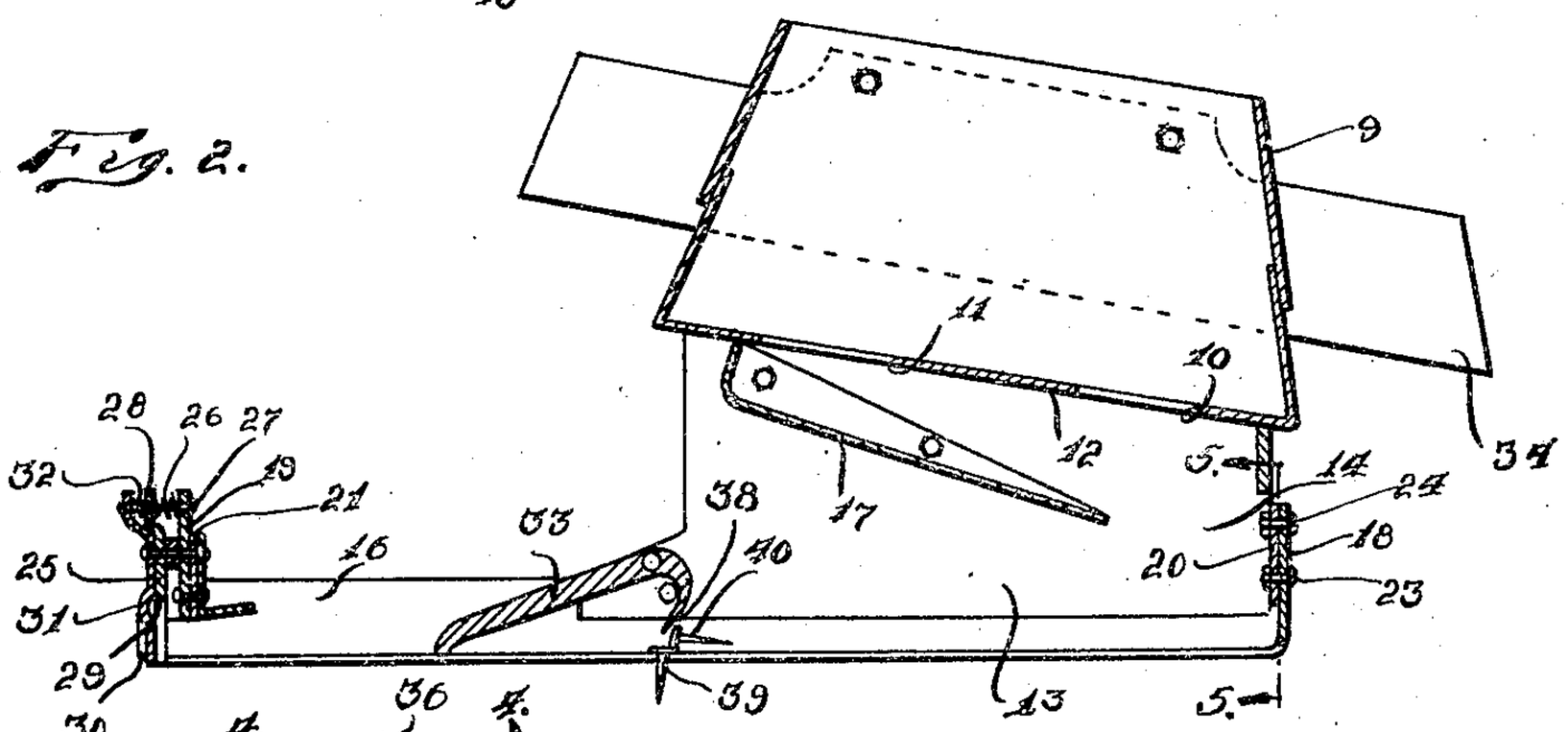


Fig. 3.

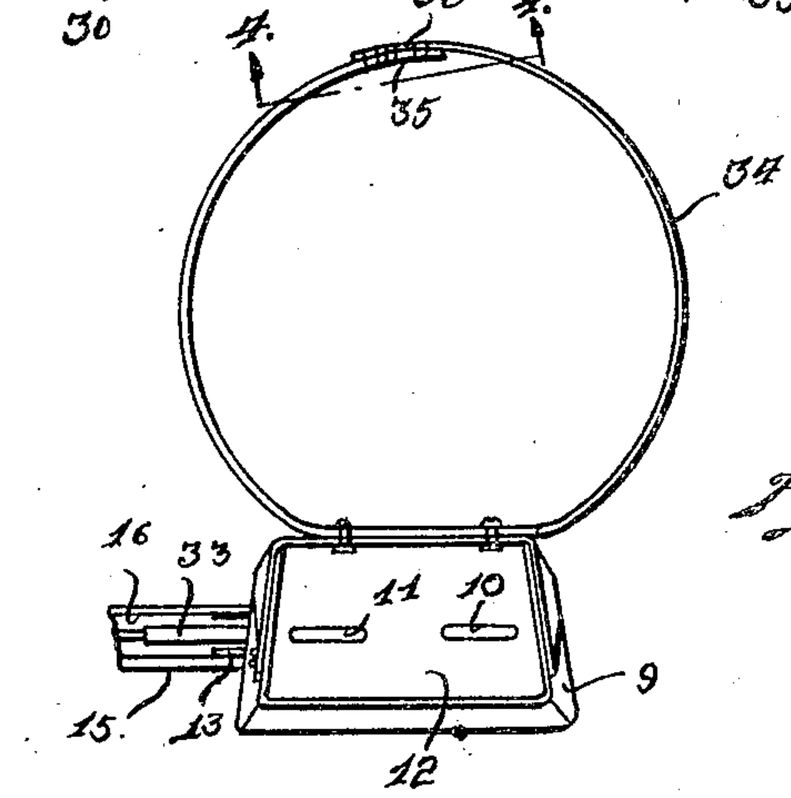


Fig. 4.

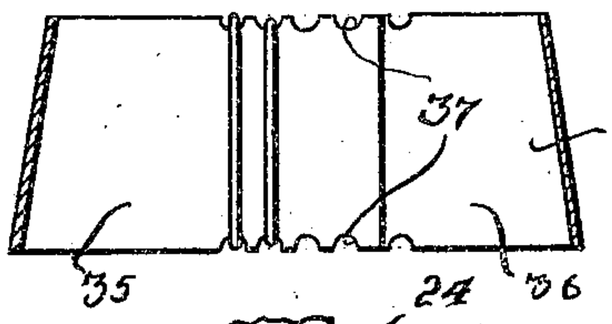


Fig 5

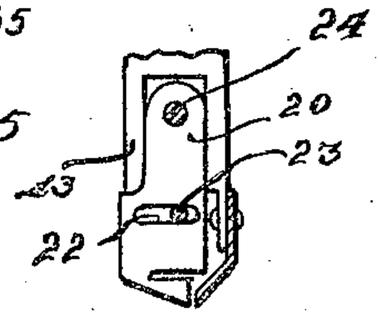
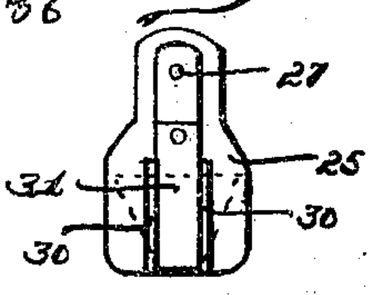


Fig. 6



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Patented Sept. 4, 1928. 1,683,328

UNITED STATES PATENT OFFICE.

OSCAR BREITHAUPT, OF DETROIT, MICHIGAN.

NAIL CONTAINER AND DISPENSER.

Application filed July 9, 1927. Serial No. 204,508.

My invention relates to a new and useful improvement in a nail container and dispenser, of a structure quite similar to the structure of my invention shown in my co-pending application, Serial No. 177,888, filed March 24, 1927.

It is an object of the present invention to provide in a nail container and dispenser of this class a nail trough having a slot formed therein, through which the nails may project, and provided with means for adjusting the width of the slot so as to accommodate the nails of various sizes.

Another object of the invention is to provide in a device of this class a retaining member for preventing the sliding of the nails from the forward end to the rearward end of the trough upon a tilting of the device.

Another object is the provision in a device of this class of a pair of closures for the end of the trough, of different sizes so that the lodging of a nail between the end of the trough and the large closure will not interfere with the functioning and operation of the smaller closure and the retaining of the nails in the trough may be had at all times.

Another object of the invention is the provision of a retaining member which may be positioned about the head of the user to retain the device in position, this retaining member being preferably formed so as to be adjustable to different sizes.

Other objects will appear hereinafter.

The invention consists in the combination and arrangement of parts hereinafter described and claimed.

The invention will be best understood by a reference to the accompanying drawings which form a part of this specification and in which

Fig. 1 is a side elevational view of the invention.

Fig. 2 is a central vertical sectional view of the invention.

Fig. 3 is a fragmentary top plan view of the invention.

Fig. 4 is a view taken on line 4—4 of Fig. 3.

Fig. 5 is a fragmentary view taken on line 5—5 of Fig. 2.

Fig. 6 is an end elevational view of the trough.

In the drawings I have illustrated a receptacle 9 having openings 10 and 11 formed in the bottom wall 12. Secured to and projecting downwardly from the bottom wall 12 at opposite sides thereof in spaced relation are the walls 13 and 14. Secured along the lower edge of the wall 13 is a trough forming section 15 and a cooperating trough forming section 16 is secured to the lower edge of the wall 14, an inclined deflecting member 17 being positioned between the walls 13 and 14 so as to deflect and direct the nails precipitated through the opening 11 to the rear of the trough formed by the sections 15 and 16.

The trough forming portion 16 is provided with the inwardly directed upwardly turned flange 18 at its rear end and the flange 19 at its forward end. The flange 18 overlaps the upwardly directed inwardly turned flange 20 on the portion 15 and the flange 19 overlaps the upwardly directed inwardly turned flange 21 on the trough forming portion 15. In the flange 20 there is formed a transverse slot 22 through which a bolt 23 projects, this bolt being projected through the flange 18. A similar slot is formed in the flange 21 through which a bolt is projected so that these trough shaped portions may be moved into approach or withdrawal on the bolt 24 as a pivot, thus adjusting the width of the slot to accommodate nails of various sizes. The forward end of the trough is closed by the closure 25 which is normally held by the spring 26 in closing position, the bolt 27 being projected through a tongue 28 on the closure 25, the tongue 28 being provided with an opening sufficiently to permit necessary clearance with the bolt 27. A slot 29 is formed in the closure 25, at opposite sides of which is an outwardly projecting flange 30 to normally embrace the closure 31 for closing a slot 29, this closure being normally held by the spring 32 in closing position.

In operation, it has been discovered that a nail will sometimes lodge between the end of the trough and the main closure 25, thus permitting the nails to flow outwardly between the end of the trough and the closure 25. I have provided the closure 31 which is inwardly offset as shown in Fig. 2 so that should the closure 25 be moved outwardly to inoperative position and held therein by the misplacement of the nail, the closure 31 will serve to close the end of the trough and prevent the nails from falling therethrough. If the nails have slid forwardly to the forward end of the trough, the user sometimes finds it necessary to raise his head so as to tilt the trough rearwardly, and the nails frequently pass to the rear end of the trough, rendering their re-

moval therefrom difficult, or at least inconvenient. To prevent the sliding of the nails rearwardly of the trough I have mounted a pivotally mounted keeper 33 between the walls 13 and 14 at the forward end thereof, so that after the nails have passed forwardly of the forward end of the keeper, 33 their movement rearwardly of the trough will be limited. The pivotally mounted keeper 33 is provided at its rearward side with an angularly turned portion 38 which is adapted for use as an arranger so as to arrange the nails in position that they may fall through the slot. In the drawing I have illustrated the nail 39 upon which is positioned a nail 40, and should these nails slide forwardly of the trough in this position the arranger 38 will serve to dislodge the nail 40 from engagement with the nail 39 so that its end may be projected through the slot.

Mounted on the receptacle 9 is a band 34, the ends 35 and 36 of which overlap and are provided on their edges with notches 37. When the proper adjustment has been made to fit the head of the wearer, a cord or other fastening means may be passed around these ends 35 and 36 so as to engage in the notches 37 and thus lock the device in its adjusted position.

While I have illustrated and described the preferred form of my invention, I do not wish to limit myself to the precise details of structure shown, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. In a nail holder of the class described having a nail receiving trough open at one end; a closure for said open end of said trough, said closure having an opening formed centrally therein in registration with the center of said trough; and a separate closure for engaging in the opening in said closure and serving as a closure for said trough upon movement of said first mentioned closure to inoperative position.

2. A nail holder of the class described having a trough provided with a longitudinally extending slot formed therein, and open at one end, comprising: a closure for closing said open end of said trough, said closure having an opening formed centrally therein in registration with the slot in said trough; and an auxiliary closure for closing said opening in said closure and adapted for preventing passage of nails from said trough along said slot upon movement of said first mentioned closure to open position.

3. In a nail holder of the class described having a trough: pivotally mounted means projecting into said trough for preventing movement of said nails in said trough in one direction; and means on said pivotally mounted means for engaging disarranged nails moving in the opposite direction, and preventing their passage.

In testimony whereof I have signed the foregoing specification.

OSCAR BREITHAUPT.