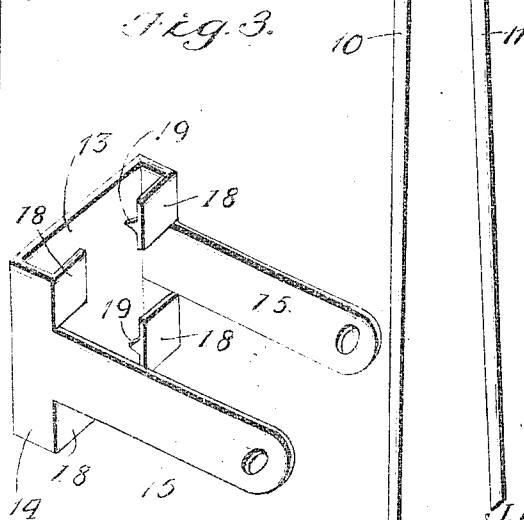
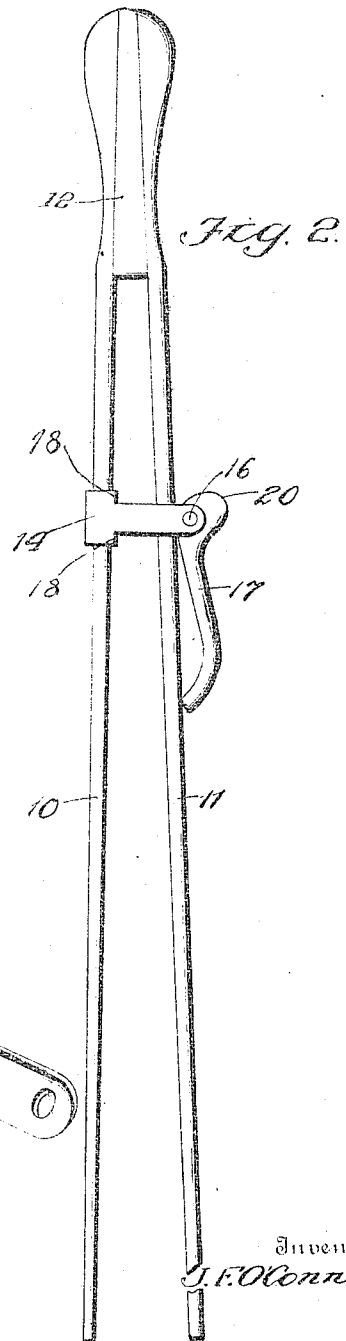
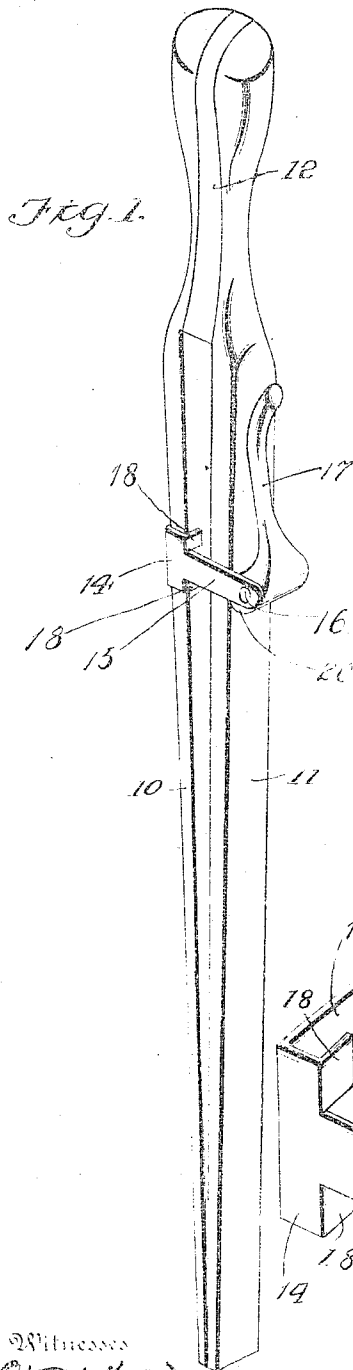


J. F. O'CONNOR.
CLOTHES HANDLING IMPLEMENT.
APPLICATION FILED SEPT. 18, 1910.

1,049,259.

Patented Dec. 31, 1912.



Witnesses
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UNITED STATES PATENT OFFICE.

JAMES F. O'CONNOR, OF EL RENO, OKLAHOMA, ASSIGNOR OF ONE-THIRD TO HARRY D. WALTERS, OF EL RENO, OKLAHOMA.

CLOTHES-HANDLING IMPLEMENT.

1,049,259.

Specification of Letters Patent.

Patented Dec. 31, 1912.

Application filed September 16, 1910. Serial No. 582,428.

To all whom it may concern:

Be it known that I, JAMES F. O'CONNOR, citizen of the United States, residing at El Reno, in the county of Canadian and State of Oklahoma, have invented certain new and useful Improvements in Clothes-Handling Implements, of which the following is a specification.

This invention relates to implements for handling clothes during laundry operations, and commonly known as "clothes sticks," and has for one of its objects to improve the construction and increase the efficiency and utility of devices of this character.

Another object of the invention is to produce a simply constructed device whereby the clothes may be firmly gripped by means operative at a relatively remote distance from the hot water, so that no danger exists of the operator being scalded thereby.

With these and other objects in view the invention consists in certain novel features of construction as hereafter shown and described and then specifically pointed out in the claim, and in the drawings illustrative of the preferred embodiment of the invention, Figure 1 is a perspective view of the improved implement in closed or engaged position; Fig. 2 is a side view, of the improved implement in open or inoperative position; Fig. 3 is a perspective view of the cam supporting clip detached.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawing, by the same reference characters.

The improved clothes stick forming the subject matter of the present invention comprises spaced clamping jaws 10 and 11 having their upper ends reduced to form handle sections, the inner faces of which are adapted to engage a wedge-shaped filling block or stock 12, the parts being rigidly united in any suitable manner, as shown. The side walls of the stock or filling block 12 diverge in the direction of the jaws 10 and 11 so as to space the jaws apart a greater distance at their free ends than at their points of attachment to said stock.

Thus it will be seen that the reduced ends of the jaws 10 and 11, together with the filling block or stock 12, form in effect an operating handle, the side walls of the handle sections being preferably concaved

to produce a hand grip. Permanently secured to one of the jaws, as for instance, the jaw 10, is a clip for supporting an operating cam, whereby the free ends of the jaws may be tightly compressed to hold the clothes between them, and the construction of this clip is one of the novel features of the present invention.

The clip is preferably stamped or otherwise formed from a single sheet of metal and comprises a hollow substantially rectangular body portion, the inner face of which bears against the outer face of the jaw 10, while the side walls 14 of the body portion bear against the adjacent edges of the jaw 10 and are reduced and extended longitudinally to form spaced arms 15. The free ends of the arms 15 embrace the adjacent longitudinal edges of the jaw 11, while the terminals thereof project longitudinally beyond the outer face of the jaw 11 and are provided with perforations for the reception of a pivot pin 16, on which is mounted an operating lever 17.

The material at the side walls 14 is cut to form incisions parallel with the arms 15, and the material at said incisions bent inwardly above and below the arms 15 to produce inwardly projecting tongues 18, the ends of which are bent laterally and sharpened to form spurs 19 adapted to be driven into the inner face of the jaw 10, thus to permanently secure the clip in position on the jaw 10 and prevent accidental displacement of said clip when removing garments from a tub or other receptacle. One end of the lever 17 is provided with a finger piece, while the other end thereof is provided with a cam surface 20 adapted to bear against the outer face of the jaw 11, thus to force the free ends of said jaws inwardly into engagement with a garment when it is desired to remove the latter from a receptacle. The parts 10, 11 and 12 are preferably formed of hard wood, while the jaws 10 and 11 are preferably tapered toward their free ends to increase their resiliency.

Thus it will be seen that by placing the hollow body portion or clip in position on one of the clamping jaws of the clothes stick and pressing the spurs or teeth 19 thereof into engagement with the wood, the clip will be permanently secured to said jaw so as to prevent the clip from sliding longitudinally

on said jaw and falling in the hot water in a boiler or other receptacle in which the clothes are placed.

Having thus described the invention, what is claimed as new is:

A clothes stick having spaced clamping jaws, a clip comprising a hollow substantially rectangular body portion having its inner face bearing against the outer face of one of the jaws and its side walls reduced and extended longitudinally to form spaced arms bearing against the front and rear edges of the other jaw and having their free ends projected longitudinally beyond the outer face of said other jaw, the material forming the side walls of the clip being bent inwardly above and below the arms to produce oppositely disposed tongues termi-

nating in angular spurs adapted to be driven into the inner face of the first mentioned jaw for permanently securing the clip in position thereon, and an operating lever pivotally mounted between the projecting ends of the arms and having one end thereof provided with a finger piece and its other end formed with a cam surface adapted to engage the outer face of the adjacent clamping jaw for forcing said jaws into engagement with a garment.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES F. O'CONNOR. [L. s.]

Witnesses:

BERTHA ROHKOR,
CHARLES F. SMITH.