March 14, 1939. A. KRAYNICK 2,150,686

CLOTHESPIN

Filed May 17, 1937

Fig. 1.

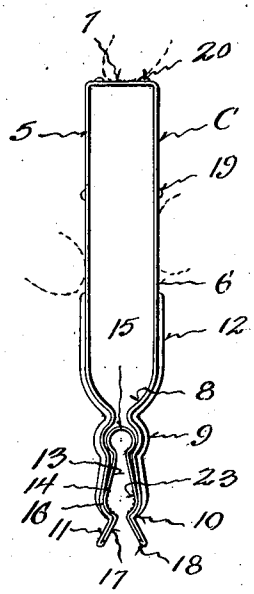


Fig. 2.

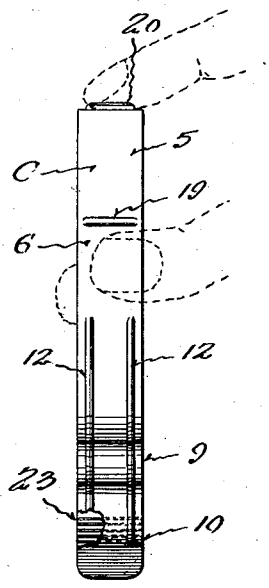
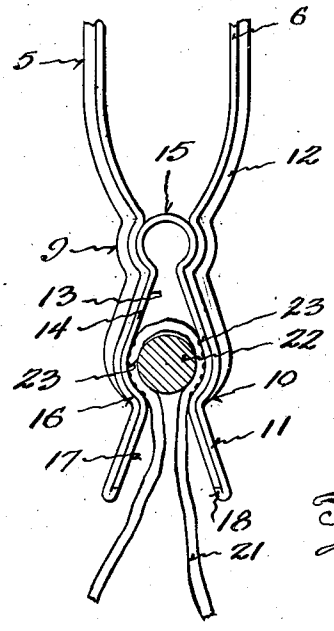


Fig. 3.



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CLOTHESPIN

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1 Claim. (Cl. 24—259)

This invention appertains to fasteners, and more particularly to an all-metal clip for securing clothes to a clothes-line against accidental displacement.

One of the primary objects of my invention is to provide a metallic clothes-pin, which can be quickly and easily applied to the clothes-line, and may be removed therefrom without danger of tearing the clothes in any way, the pin functioning to tightly grip the clothes, and effectively hold the same on the line even in a high wind.

Another salient object of my invention is to provide a metallic clothes-pin having a U-shaped operating and manipulating handle terminating in a pair of flared clothes entrance legs, with a spring steel clip carried by the legs for gripping the clothes, the jaws of the clip being movable away from one another to permit the removal and placing of the clip in position when the legs of the clip are pressed toward and away from one another.

A further important object of my invention is to provide a metallic clothes-pin of the above character, which will be durable and efficient in use, one that will be simple and easy to manufacture, and one which can be placed upon the market at a low cost.

With these and other objects in view, the invention consists in the novel construction, arrangement, and formation of parts, as will be hereinafter more specifically described, claimed, and illustrated in the accompanying drawing, in which drawing:

Figure 1 is an edge elevation of my improved clothes-pin.

Figure 2 is a side elevation of the same, the view also illustrating the manner of gripping and holding the pin in the hand.

Figure 3 is an enlarged fragmentary detail edge elevational view, showing the clip applied to the clothes to be held on the clothes-line, the clothes-line being shown in section.

Referring to the drawing in detail, wherein similar reference characters designate corresponding parts throughout the several views, the letter C generally indicates my improved clothes-pin, and, as illustrated, the same includes a U-shaped manipulating and operating handle 5. This handle 5 includes a pair of substantially parallel legs 6, and a flat connecting bight portion 7. The forward ends of the legs are curved inwardly toward one another, as at 8, and then bowed outwardly in opposite directions, as at 9, for a purpose which will be later set forth.

The legs continue forwardly from the bowed portions 9, and are then bent inwardly toward one another, as at 10. The forward ends of the legs terminate in oppositely flared lips 11, which function as a guide for the clothes-line to the restricted portion 10. The legs are preferably, but not necessarily, strengthened by longitudinally extending struck-out lips 12.

It is to be understood that the manipulating and operating handle 5 is formed from a strip of sheet metal, and bent into the desired form.

Associated with the forward ends of the legs 6 is a metallic clip 13 formed from spring steel. This clip 13 also includes legs 14, the inner ends of which are connected by a substantially circular body portion 15. The legs 14 of the clip flare outwardly from the body portion 15, and are curved inwardly, as at 16, to provide clothes-gripping jaws. The jaws have formed thereon outwardly flared guide lips 17. The clip 13 is placed between the forward ends of the leg 6 with the circular portion 15 thereof between the arcuate portions 9 of the legs, and the tongue 17 engaging the tongues 11 of the legs of the handle.

As illustrated, the extreme forward ends of the tongues 11 are bent back upon themselves, as at 18, to form stops for the forward terminals of the clip, and if desired the clip can be spot-welded at this point to the legs of the handle. The arcuate portions 9 of the legs of the handle are adapted to rock upon the circular body portion 15 as a fulcrum, as also will be later set forth.

Transversely extending raised ribs 19 are formed on the legs 6, and act as means for preventing slipping of the fingers of the user on the pin when the pin is being manipulated. The bight portion 7 of the pin also has struck out therefrom ribs 20, which also act as means for preventing slipping of the user's finger when placed on said bight portion.

In use of my pin, the clothes, indicated by the reference character 21 in Figure 3, are hung on a clothes-line 22 in the ordinary manner, after which the legs of the pin are gripped between the thumb and middle finger at a point beyond the curved portions 9, and the index finger is placed on the bight portion 7. Pressure is now exerted on the legs 6, and the legs will tend to rock on the circular portion 15 and spread the jaws of the clip apart, whereby the clip can be readily placed on the clothes-line. Pressure is exerted down on the pin by the index finger, so as to facilitate the forcing of the pin on the clothes. When the pin is released, the inherent resiliency of the clip urges the jaws thereof into tight gripping contact with the clothes, so that

incidental displacement of the clothes from the line will be prevented. When the clip is to be removed, it is merely necessary to again grip the leg 6, and exert a pressure thereon, whereupon the jaws of the clip will be again opened, and an outward pull on the end of the clip will easily displace the same from the clothes and line.

If desired, the jaws of the clip can be provided with clothes-gripping ribs 23.

From the foregoing description it can be seen that I have provided an exceptionally simple and durable form of clothes-pin, which can be easily and quickly applied to the line, and removed therefrom.

Changes in details may be made without departing from the spirit or scope of my invention, but what I claim as new is:

A resilient metallic clothes-pin comprising a U-shaped handle having a pair of forwardly extending spaced parallel legs, said legs at a point intermediate their ends being provided with arcuate fulcrum portions, an independent substantially U-shaped spring steel clip received between said legs and including a connecting circular portion fitted in the arcuate fulcrum portions, whereby the legs can rock on said connecting circular portion, and outwardly flared lips formed on the forward ends of the legs and clip.

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