

(No Model.)

W. E. CRUMP.  
CLOTHES PIN.

No. 494,414.

Patented Mar. 28, 1893.

Fig. 1.

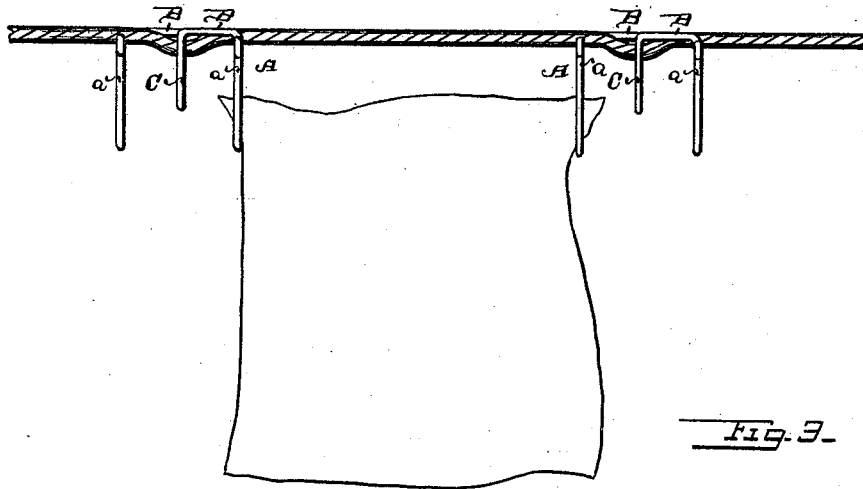


Fig. 3.

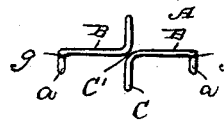
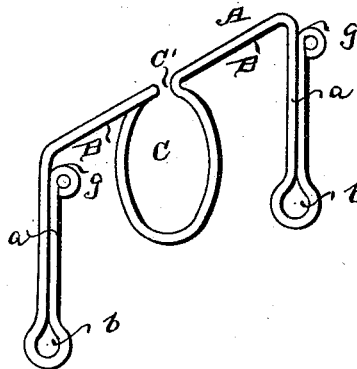


Fig. 2.



Witnesses:

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# UNITED STATES PATENT OFFICE.

WILLIAM E. CRUMP, OF SEALY, TEXAS.

## CLOTHES-PIN.

SPECIFICATION forming part of Letters Patent No. 494,414, dated March 28, 1893.

Application filed October 10, 1892. Serial No. 448,393. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM E. CRUMP, a citizen of the United States, and a resident of Sealy, in the county of Austin and State of Texas, have invented certain new and useful Improvements in Clothes-Pins; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a front view of line pin and article attached and Fig. 2 is an enlarged view in perspective of the pin. Fig. 3 is a plan view of the pin.

This invention has relation to certain new and useful improvements in metallic clothes pins, the object being to provide a pin of simple construction and low cost, which is capable of being used in connection with either a rope or wire line; which will not be blown from the line, although capable of being readily attached to and detached from the same, and which will not rust or tear the clothes.

With these objects in view, the invention consists in the novel construction, and combination of parts, all as hereinafter described and pointed out in the claims.

As shown in the accompanying drawings, the pin consists of a single piece A of wire, the end portions of which are bent downwardly at substantially right angles and back upon themselves to form the double parallel arms or loops *a, a*, standing in a plane at right angles to that of the pin. At their lower portions, said arms or loops are swelled to form the eyes *b, b*. Said arms are united by the horizontal arm B, which at its central portion is formed into a single circular coil C of com-

paratively large diameter, and occupying a plane parallel with that of the arms *a, a*. The end portions of this coil are separated by an oblique opening C'.

The pin is applied to a line in the manner shown in Fig. 1, the line being inserted into the large coil C through the opening C'. The clothes are inserted between the loop arms *a, a*, and securely held by the spring action of said arms. The ends of the wires forming said arms are turned outwardly, as indicated at *g*, and form rests for the line. The large coil, it will apparent, prevents the pin being blown from the line by the wind, and enables the pin to be placed on either a wire or rope line. The pin should preferably be formed from galvanized or brass wire, in order to prevent rusting.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. The herein described metal clothes pin, comprising the parallel end loop arms *a, a*, the connecting horizontal portion B, and the open coil C, in said horizontal portion, substantially as specified.

2. The herein described metal clothes pin, consisting of a single piece of wire, formed at its end portions into depending parallel loop arms *a, a*, a horizontal arm connecting said arms, the central portion of said arm having a depending circular single coil parallel with the arms *a, a*, and having its ends separated by an oblique opening C', substantially as specified.

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

WILLIAM E. CRUMP.

Witnesses:

B. G. HARRIS,  
J. P. AIKEN.