

No. 745,617.

PATENTED DEC. 1, 1903.

J. G. HOWARD.
CLOTHES PIN.

APPLICATION FILED JUNE 9, 1903.

NO MODEL.

Fig. 1.

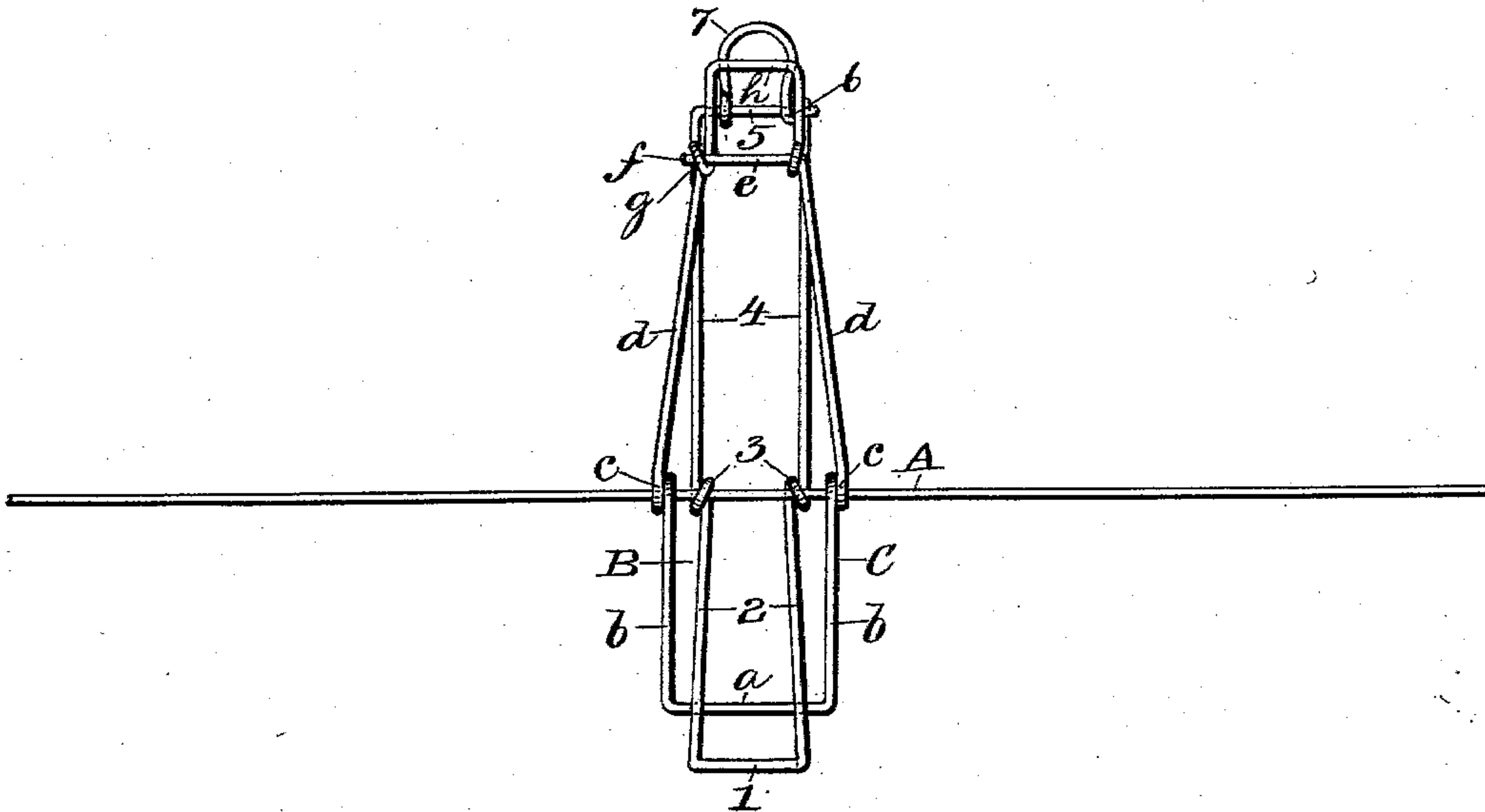


Fig. 2.

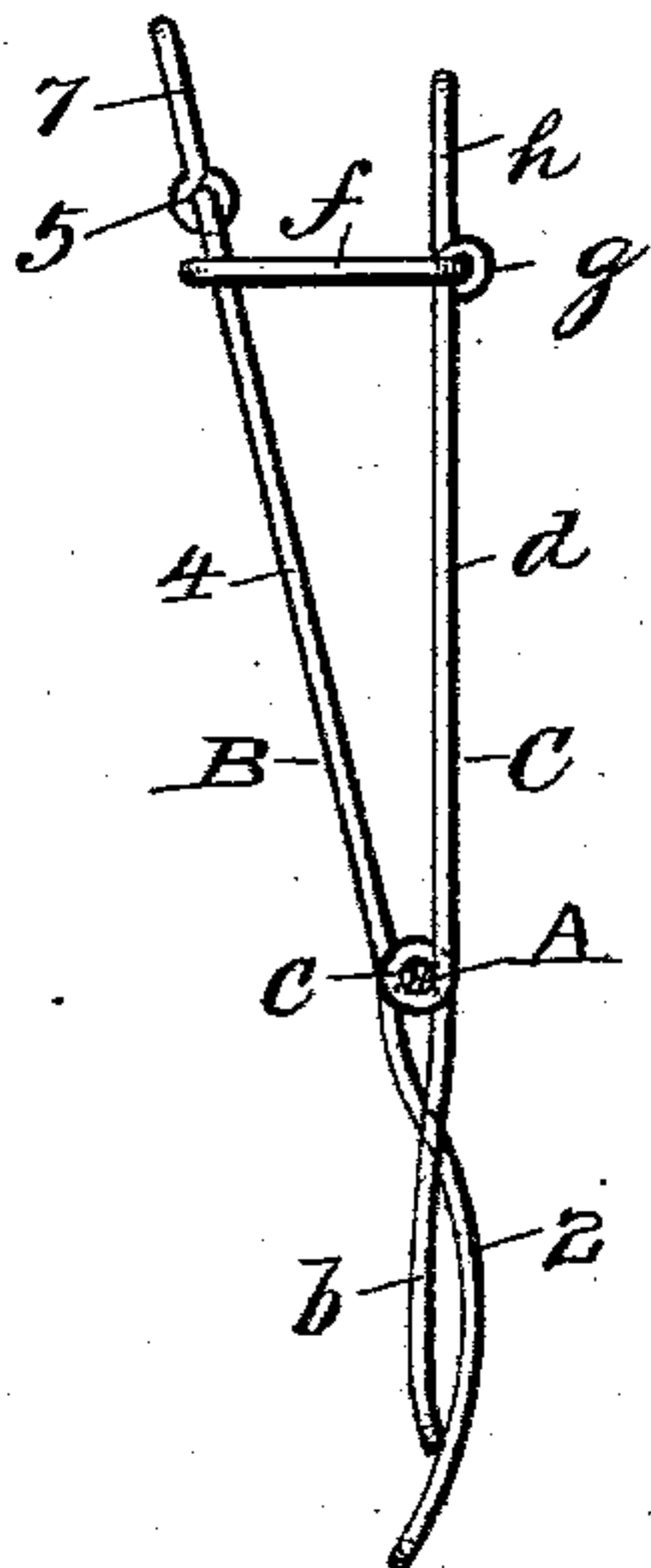
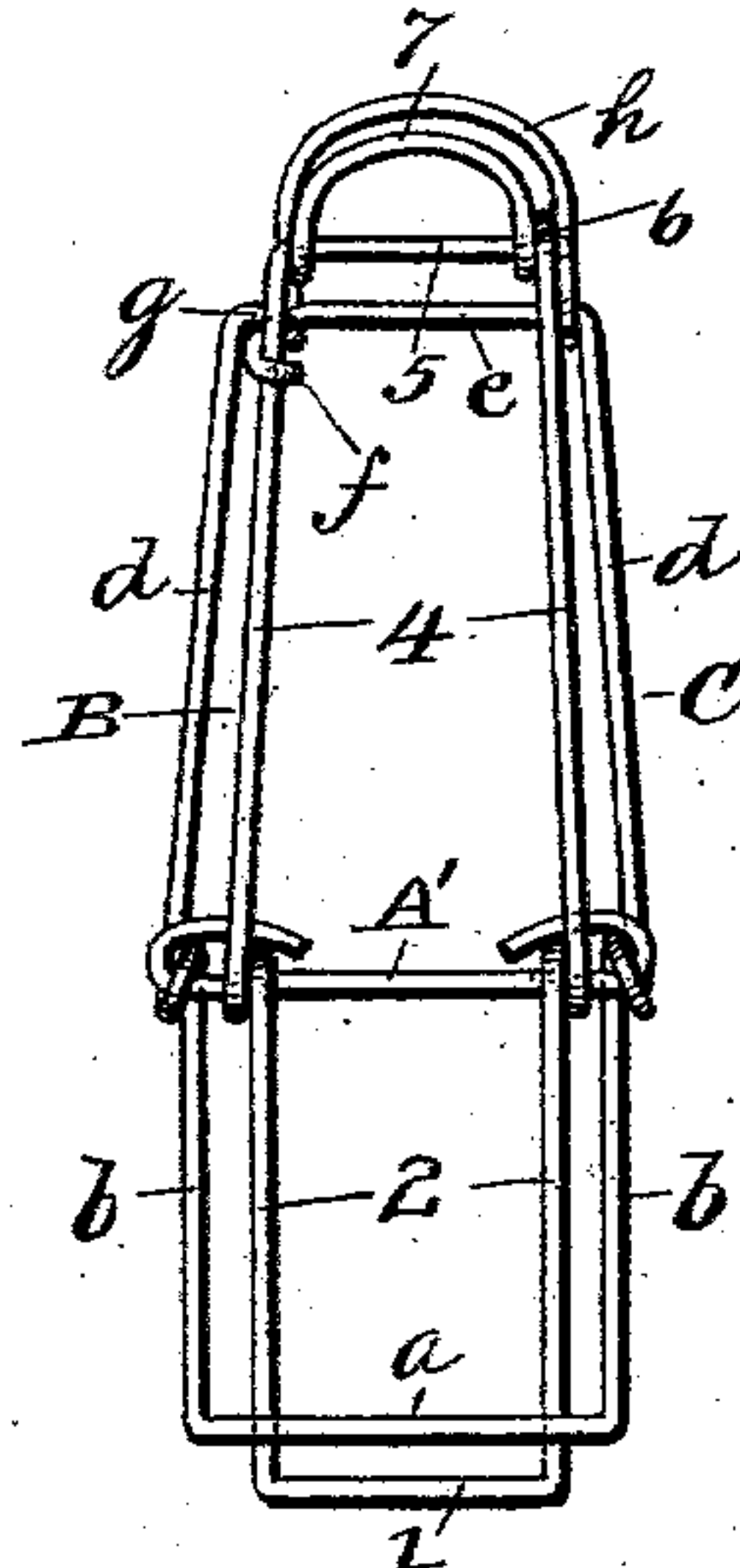


Fig. 3.



Inventor

Witnesses

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JOHN GEORGE HOWARD, OF PLEASANT VIEW, UTAH, ASSIGNOR OF
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CLOTHES-PIN.

SPECIFICATION forming part of Letters Patent No. 745,617, dated December 1, 1903.

Application filed June 9, 1903. Serial No. 160,711. (No model.)

to all whom it may concern:

Be it known that I, JOHN GEORGE HOWARD, a citizen of the United States, residing at Pleasant View, in the county of Weber and State of Utah, have invented certain new and useful Improvements in Clothes-Pins, of which the following is a specification.

My invention relates to clothes-pins of the spring-clamp type, and is adapted to be mounted permanently on the clothes-line or may be used independently thereof.

The object of my invention is to provide a clothes-pin that is reasonable in cost of construction and effective in operation, being readily thrown into and out of clamping position, and being pivotally mounted on the clothes-line prevents the tearing of the clothes when blown about in the wind.

The advantages of my invention will more fully appear hereinafter and by reference to the accompanying drawings, in which—

Figure 1 is a view of a fragment of a clothes-line, showing a front view of a clothes-pin in position; Fig. 2, a side view of Fig. 1; and Fig. 3, a view of a modification of the invention, showing a clothes pin or clasp as a separate article of manufacture.

Referring to the drawings, in which similar reference characters indicate corresponding parts throughout the several views, A in Figs. 1 and 2 indicates a clothes-line of wire, while in Fig. 3 A' represents a piece of wire to take the place of the clothes-line in the other views. B and C represent the two jaws pivotally mounted on A or A'. Each jaw consists of a single strand of wire bent as follows: The wire forming the jaw B is first bent nearly in the middle and formed with a lateral portion 1 and the parts of the wire on each side thereof slightly curved outward, as shown at 2. The two strands of wire are then carried once around the pivot-wire, forming loops 3, and the ends 4 then extended in substantially the same direction as the parts 2. The shorter wire is then bent near its end at right angles to 4, as shown at 5, and over the other strand, which is looped around the loose end, as shown at 6, the balance of the wire of the longer side being bent in a semicircle, as shown at 7, and its end hooked on the part 5 where bent from 4.

The jaw C is bent in substantially the same way as jaw B, except that its lateral portion *a* is longer than 1, while the parts *b*, that correspond to 2, are not so long as 2 and bent outwardly in an opposite direction to the bend of 2. The two strands are then looped, as at *c*, around pivot-wire A or A' and extended, as shown at *d*, one end being bent at right angles, as shown at *e*, and then toward the jaw B, the end being formed with a hook *f* to receive one of the parts 4 on said jaw B to hold the jaws in a clasped position. The other strand of wire forming jaw C is then looped, as shown at *g*, around the first-described strand at the angle formed by the bend between *e* and *f*. The end of said strand is then carried around in a semicircle, as shown at *h*, and hooked on part *e* where bent from *d*. The semicircular portions that are formed by 7 and *h*, together with the parts 5 and *e*, respectively, form convenient rests for the thumb and finger in operating the jaws B and C.

It will be readily understood that while the two jaws B and C are pivotally mounted on the pivot-wire A or A', still the loops 3 and *c* on the respective jaws add a resilient feature to the device, so that when the jaws are hooked together the article is held between them with a resilient grip.

Having thus described my invention, what I claim is—

In a clothes-pin, two jaws each made of a single strand of wire, each of said strands of wire being bent nearly at its center to form a lateral portion and two longitudinal extensions thereof with loops intermediate of the ends of said longitudinal extensions, the ends of the wires bent to form finger-holds, one of the ends of the wire forming one of the jaws formed in a hook to be secured to the other jaw, and a piece of wire passed through the loops aforesaid to form a pivot for the jaws, substantially as shown and described.

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

JOHN GEORGE HOWARD.

Witnesses:

C. D. STACK,
ELIJAH FARR.