R. C. GRAHAM, Sr.

METALLIC CLOTHES PIN.

APPLICATION FILED OCT. 11, 1916. RENEWED JULY 8, 1918.

1,278,142. Patented Sept. 10, 1918.

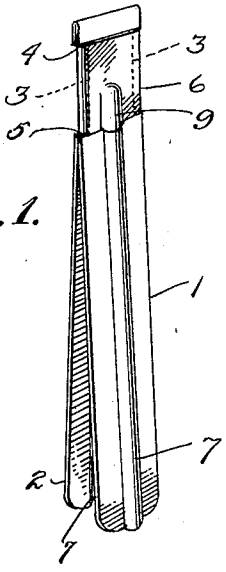


Fig. 1.

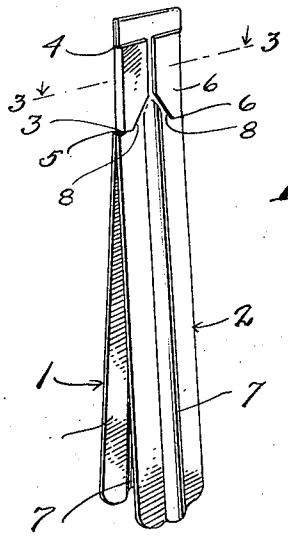


Fig. 2.

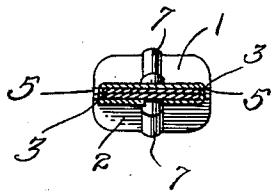


Fig. 3.

Inventor

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Witnesses

By

Attorneys

UNITED STATES PATENT OFFICE.

ROBERT C. GRAHAM, SR., OF EDDYSTONE, PENNSYLVANIA.

METALLIC CLOTHES-PIN.

1,278,142. Specification of Letters Patent. Patented Sept. 10, 1918.

Application filed October 11, 1916, Serial No. 125,073. Renewed July 8, 1918. Serial No. 243,943.

To all whom it may concern:

Be it known that I, ROBERT C. GRAHAM, Sr., a citizen of the United States, residing at Eddystone, in the county of Delaware, State of Pennsylvania, have invented certain new and useful Improvements in Metallic Clothes-Pins; and I do hereby 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.

The present invention is directed to improvements in metallic clothes pins, and has for its object to provide a device of this character which is extremely simple in construction, and one which can be easily and quickly attached to or removed from the line, and when in place thereon will firmly clamp the clothes to the line.

A further object of the invention is to provide a clothes pin having its arms longitudinally corrugated to impart thereto the necessary strength.

With these and other objects in view this invention resides in the novel features of construction, formation, combination and arrangement of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawing in which:—

Figure 1 is a perspective view of the preferred form of the device.

Fig. 2 is a similar view taken opposite from Fig. 1.

Fig. 3 is a sectional view on line 3—3 of Fig. 2.

Referring to the drawing 1 and 2 designate the arms, said arms being formed from a single strip of sheet metal bent intermediate its ends so that said arms will lie adjacent each other. The arms 1 and 2 are provided adjacent their upper ends with recesses 3 so as to provide upper and lower shoulders 4 and 5, the purpose of which will appear later.

A band 6 is provided and is engaged in the recesses 3, said band having its respective upper and lower edges engaged with the shoulders 4 and 5 so as to prevent longitudinal movement thereof. The band 6 is pressed into tight engagement with the arms 1 and 2 so as to positively hold the same against spreading at their upper ends, but will permit the arms to spread below the band when the pin is engaged on a line.

The arms 1 and 2 are each provided with a longitudinal corrugation 7 so as to add rigidity thereto, said corrugations stopping at points adjacent the shoulders 5. The adjacent ends of the band 6 are beveled as at 8 so as to provide a space for the upper end of the corrugation on the adjacent arm, while the upper end of the corrugation on the other arm engages in the corrugation 9 formed in the band 6.

What is claimed is:—

1. A clothes pin, comprising a single strip of metal having a bend intermediate its ends to provide a neck and coextensive resilient arms, said neck being cut out to provide marginal recesses, and a reinforcement band surrounding the neck and wholly occupying the recesses to prevent the spreading of the neck portions, whereby to insure the resilience of the arms.

2. A clothes pin, comprising a single strip of metal having a bend intermediate its ends to provide a neck and coextensive resilient arms, said neck being cut out to provide marginal recesses, a reinforcement band surrounding the neck and wholly occupying the recesses to prevent the spreading of the neck portions, whereby to insure the resilience of the arms, and longitudinal reinforcing ribs extending from the extremities of the arms and below the reinforcement band.

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

ROBERT C. GRAHAM, SR.

Witnesses:
E. COUGHLIN,
L. D. BADGLEY.