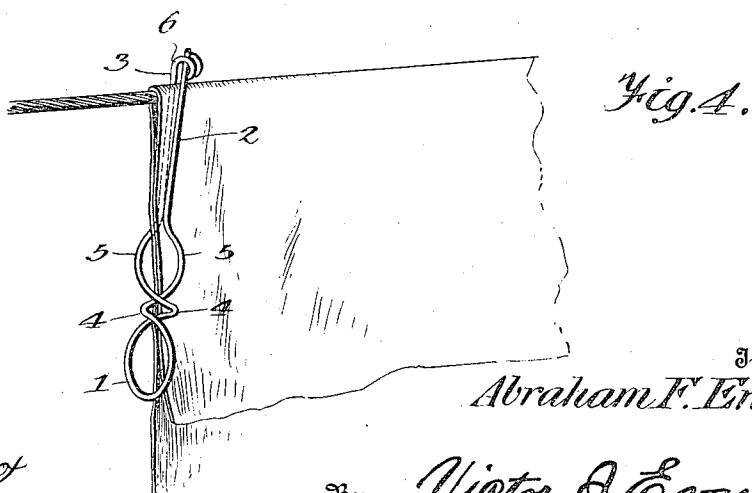
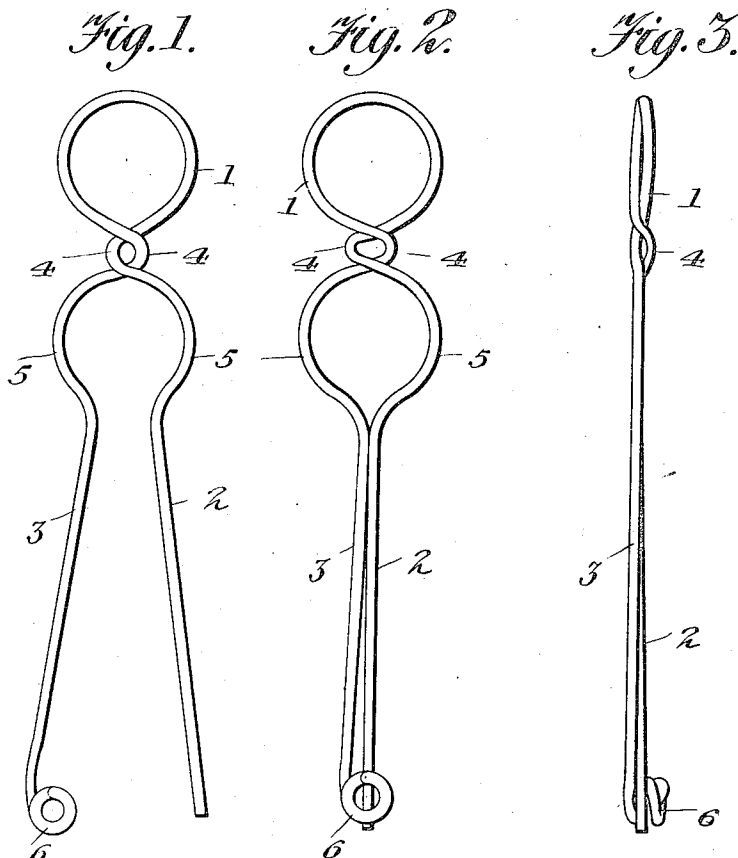


A. F. ENSEY.
CLOTHES PIN.
APPLICATION FILED NOV. 2, 1915.

1,245,892.

Patented Nov. 6, 1917.



Witness

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CLOTHES-PIN.

1,245,892.

Specification of Letters Patent.

Patented Nov. 6, 1917.

Application filed November 2, 1915. Serial No. 59,237.

To all whom it may concern:

Be it known that I, ABRAHAM F. ENSEY, a citizen of the United States, residing at Holmes, in the county of Humboldt and State of California, have invented new and useful Improvements in Clothes-Pins, of which the following is a specification.

This invention is an improved clothes pin which is made from a single piece of spring wire and which may be left permanently on a line and may be readily operated for attaching clothes to or releasing the same from the line, the object of the invention being to provide an improved clothes pin which is extremely cheap and simple, is strong and durable, and is not likely to get out of order.

The invention consists in the construction, combination and arrangement of devices hereinafter described and claimed.

In the accompanying drawings:—

Figure 1 is a side elevation of a clothes pin constructed in accordance with my invention, showing the same open and in inverted position.

Fig. 2 is a similar view showing the same closed and in inverted position.

Fig. 3 is an elevation of the same at right angles to Fig. 2.

Fig. 4 is an elevation of the same as in use on a clothes line.

My improved clothes pin is made from a single length of spring wire which is bent upon itself to provide a closed spring loop 1 at one end and a pair of clamping arms 2, 3 which extends to the opposite end. Each clamping arm is bent at a point near the loop to form a substantially V-shaped offset 4, the said offsets being oppositely arranged, slidably related, and each engaging in the notch or slot formed by the other. The said arms are also bent to form oppositely curved portions 5 which constitute a second loop between the offsets 4 and the inner end of the clamping arms 2, 3, said second loop being adapted to be opened by the spring action of the closed loop 1 when the clamping arms are disconnected from each other as shown in Fig. 1 and to be closed when said clamping arms are locked together at their outer ends as shown in Fig. 2. At the outer end of the arm 3 is a laterally extending coiled portion 6 which is adapted to be engaged by the arm 2 to lock

the said arms together and to suspend the pin from the line and enable the pin to be moved longitudinally on the line as may be required.

When the pin has been thus suspended from the line, as shown in Fig. 4, with the closed loop 1 at the lower end of the pin, an article may be hung from the line by placing the cloth between the upper ends of the arms 2, 3, where they are slightly open and by then drawing the cloth downwardly to cause the cloth to be clamped between the lower portion of the said arms, immediately above the second loop formed by the offset or curved portions 5 of said arm. Owing to the fact that the pin is made from a piece of spring wire cloth of any thickness may be thus inserted and clamped between the arms 2, 3, the closed loop 1 enabling the arms to spring apart as required, the interengaging slidably related offsets 4 limiting such movement of the arms and preventing them from being unduly opened. The cloth may be released from the pin by drawing the same down into the open loop formed by the oppositely curved portions 5 as will be understood.

In practice, my improved clothes pin may be made of steel or iron wire and is preferably galvanized to prevent it from corroding. The clothes pin need not be removed from the line but may be left permanently connected thereto as it is not injured by exposure to the weather.

Having thus described my invention, I claim:—

The herein described clothes pin comprising a pair of clamping arms one provided at the outer end with locking means to engage the outer end of the other arm and hold said outer ends of said arms in spaced relation, a spring loop connecting the opposite ends of the arms together and serving to open said arms when disengaged from each other, the said arms being provided near said spring loop and at points spaced from the outer ends of said arms with outwardly bent portions which form a second loop which is closed when the arms are secured together and an open loop when the arms are released from each other, the said arms converging from their outer ends to the second loop and being in mutual contact when closed, at the outer side of the

second loop, said arms being further provided with interengaging slidably related substantially V-shaped oppositely arranged offsets formed by bends in said arms between the spring loop and the second loop and serving to limit outward movement of the arms.

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

ABRAHAM F. ENSEY.

Witnesses:

EBER GRAY,
FIDELIA GRAY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."