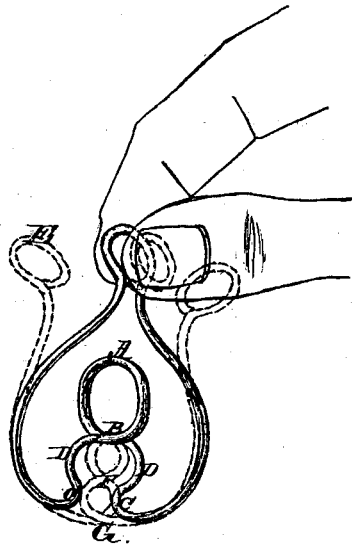


K. H. Gass,

Clothes Pin.

No. 113,282.

Patented Apr. 4. 1871.



Witnesses:

John Beecher.
Wm H. C. Smith

Inventor:

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PER

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KEYES H. GOSS, OF CEDAR SPRINGS, MICHIGAN.

Letters Patent No. 113,289, dated April 4, 1871.

IMPROVEMENT IN CLOTHES-PINS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, KEYES H. GOSS, of Cedar Springs, in the county of Kent and State of Michigan, have invented a new and useful Improvement in Clothes-Pins; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

My invention relates to improvement in the class of clothes-pins which is opened by pressure at outer ends of the jaws, and which is formed in one piece of metal.

The improvement consists in forming the clothes-pin of a single piece of wire, with one or more coils at the center, and so bending the same below the coil or coils that, when not separated by pressure or other means, the lower bends will pass by each other.

This construction enables the coil to preserve its elasticity, and thus renders the device more durable as well as efficient in its purpose.

The drawing is a side elevation of my improved clothes-pin, shown in full lines in the open position, and in the closed position by dotted lines.

The piece of wire of which the pin is to be formed is coiled at the center one or more times; as indicated at A, and the two parts crossed at the termination of

the coil, as shown at B. From B to C each part has a sharp bend, D, away from the other, and from O they are bent backward, and extended above the coil at some distance therefrom, but in the same plane, and terminate in finger-pieces E.

The coil A is so set that when the pin assumes its normal position, the two parts will cross each other near the lower ends of the bends D, as shown at F, and again below the bends C, as shown at G, in the dotted lines, and the said coil gives such strength and elasticity that the two parts will have such tendency to assume this position as to pinch tightly upon it and hold them very securely.

The said pins are opened by grasping the finger-pieces between the thumb and finger and forcing them toward each other.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

As an article of manufacture, the clothes-pin herein described, formed of a single wire, having the spring-coil or coils A and the bends D D and C C arranged to operate as specified.

KEYES H. GOSS.

Witnesses:

BENJAMIN FAIRCHILD,
J. NELSON.