

G. A. Harris,

Clothes Pin.

No. 110649.

Patented Jan. 3, 1891.

Fig. 1.

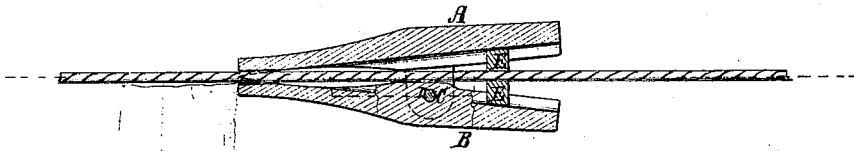
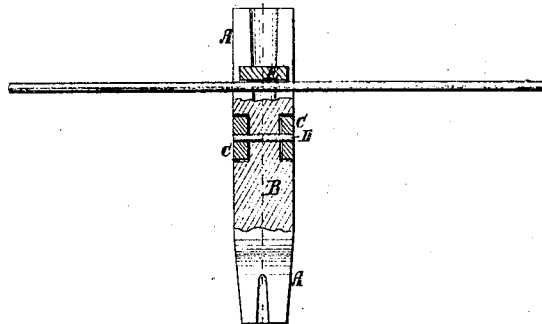


Fig. 2.



Witnesses:

A. Remmeindorf.
Alex. F. Roberts

Inventor:

G. A. Harris
PER *Munn & Co*
Attorneys.

United States Patent Office.

GEORGE ALFRED HARRIS, OF BUCHANAN, MICHIGAN.

Letters Patent No. 110,649, dated January 3, 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, GEORGE ALFRED HARRIS, of Buchanan, in the county of Berrien and State of Michigan, have invented a new and improved Clothes-Pin; 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.

This invention relates to improvements in clothes-pins; and

It consists in two pieces of wood or other substance pivoted together at or near the center, and provided with an India-rubber spring between the pivot, and one end having a hole through it in the lengthwise direction of the said pieces, which are grooved, and the joint is so formed that the clothes-line may be passed through in the said direction, and the pieces will be clamped upon it at one end by the spring, all as hereinafter described.

Figure 1 is a longitudinal section through the pin on the line *xx* of fig. 2, showing the manner of applying it to the line in the lengthwise direction, and

Figure 2 is a section through the long axis in a plane perpendicular to the section of fig. 1, showing the manner of suspending it on the line by passing the latter between the spring and the pivot-joint.

Similar letters of reference indicate corresponding parts.

A and B represent the two wood or other pieces of the pin, which are pivoted together side by side by ears C on one, and a pivot-pin, D, and they have an India-rubber or other equivalent spring, E, pressed

in between them at one side of the pivot to force the other ends together.

The said pieces are grooved on the sides which clamp together or upon the rope to hold it properly between them.

The spring has a hole to let the line pass through it, and it is intended to bind snugly so as not to slip.

These pins may be placed on the line, as represented in fig. 1, to clamp the clothes between the jaws and the rope, or they may be strung on it by passing the line between the spring and the pivot, as shown in fig. 2, and hold the clothes between the jaws.

In either case these pins will turn on the line, in case the clothes are carried over it by the wind, and thereby save twisting the clothes upon the line.

The said pins may also be used in the way the ordinary pins are, that is, by inserting the line with the clothes on it between the jaws below the pivot.

They may also be used as clamps for clamping and holding papers together.

Having thus described my invention,

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

The improved clothes-pin, consisting of the two parts A B, pivoted together by the ears C, and pin D, and the spring E, the said parts A B having the grooved sides, all substantially as specified.

GEORGE ALFRED HARRIS.

Witnesses:

W. F. MALSBUY,
MATT. ENGLE,
C. S. KELLY.