(No Model.)

F. E. SHAW.

CLOTHES POLE.

No. 291,633. Patented Jan. 8, 1884.

Fig. 1.

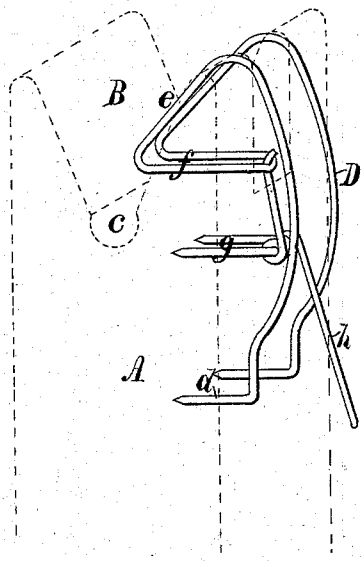


Fig. 2.

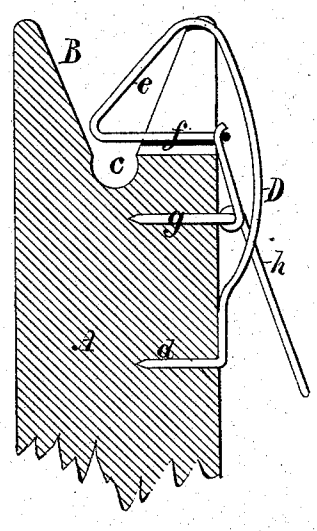
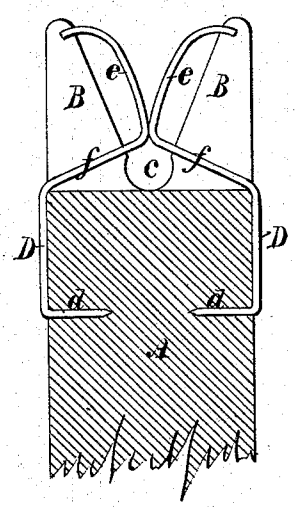


Fig. 3.



WITNESSES:

J. H. Sons

C. H. Luther Jr

INVENTOR:

Frank E. Shaw

by Joseph A. Miller & Co
Atty's

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

FRANK E. SHAW, OF SOUTH ATTLEBOROUGH, MASSACHUSETTS.

CLOTHES-POLE.

SPECIFICATION forming part of Letters Patent No. 291,633, dated January 8, 1884.

Application filed April 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, FRANK E. SHAW, of South Attleborough, county of Bristol, and State of Massachusetts, have invented a new and useful Improvement in Clothes-Poles; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

This invention has reference to an improvement in a device for securing the clothes-lines in the end of clothes-poles, so that the same will not be lifted out when a wind prevails; and it consists in one or more wire springs constructed to extend over the clothes-line, as will be more fully set forth hereinafter.

Figure 1 is a perspective view of a double wire spring, the end of the clothes-pole being shown in broken lines. Fig. 2 is a sectional view of the end of the clothes-pole provided with a wire spring. Fig. 3 is a sectional view of the end of a clothes-pole provided with two wire springs.

In the drawings, A is the clothes-pole; B, the forked end of the same; C, the bearing for the clothes-line.

D is the wire spring, provided with the staple-pointed end *d*, the inclined portion *e*, by which the spring is forced outward when the line is inserted, and the projecting shoulder *f*, extending over the line when the same has been inserted, and holding the line in place, so that when in a wind the line and clothes are blown about the line cannot be drawn from the pole and the clothes spoiled by trailing on the ground. Two such springs may be used as are shown in Fig. 3. A double wire may be used, as is shown in Fig. 1, and a lever may be used to facilitate the withdrawing of the wire spring, such as is shown in Figs. 1 and 2.

g is a wire staple, and *h* a wire lever bent around the staple, so as to form the fulcrum of the lever, having one end bearing on the end of the shoulder *f*, and the other end extending downward, so that by pressing this end the spring-abutment *e f* is drawn outward to allow the clothes-line to be inserted or removed. The bifurcated end B of the pole is slotted to receive the wire spring and maintain it in the vertical position.

By this arrangement a cheap and effective device for firmly holding the clothes-line is secured, not liable to get out of order, and easily operated.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with the bifurcated clothes-pole A, of the wire spring D, having one or two staples, *d*, inclined plane *e*, and shoulder *f*, formed of one piece of bent wire, and the lever *h*, pivoted on the staple *g*, constructed to operate the wire spring, as described.

In witness whereof I have hereunto set my hand.

FRANK E. SHAW.

Witnesses:

J. A. MILLER, Jr.,

M. F. BLIGH.