

No. 644,339.

Patented Feb. 27, 1900.

J. G. STRADER.  
WIRE CLOTHES PIN.

(Application filed Dec. 13, 1899.)

(No Model.)

Fig. 1.

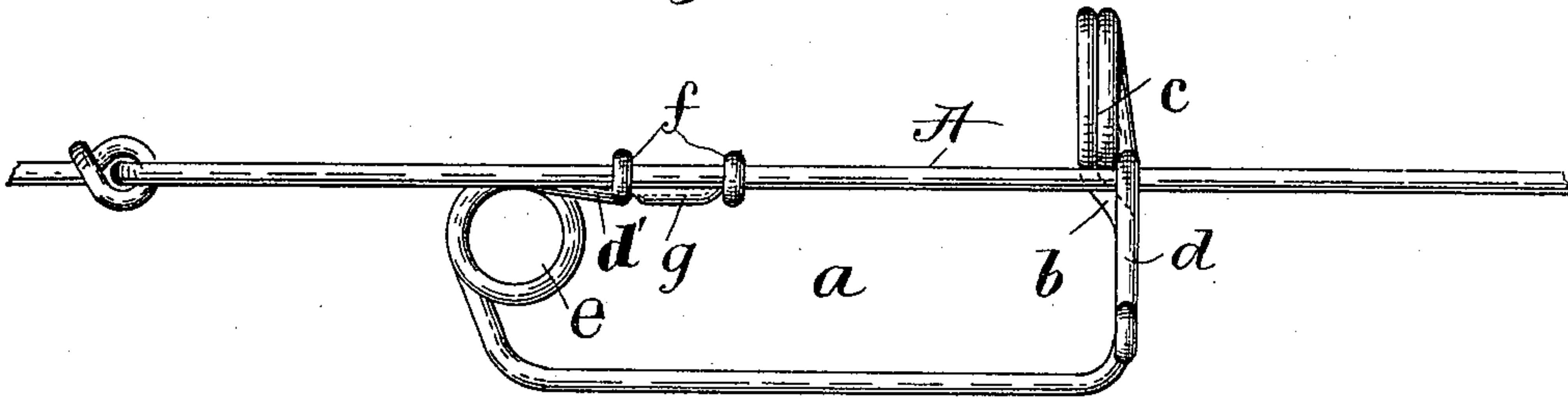


Fig. 2.

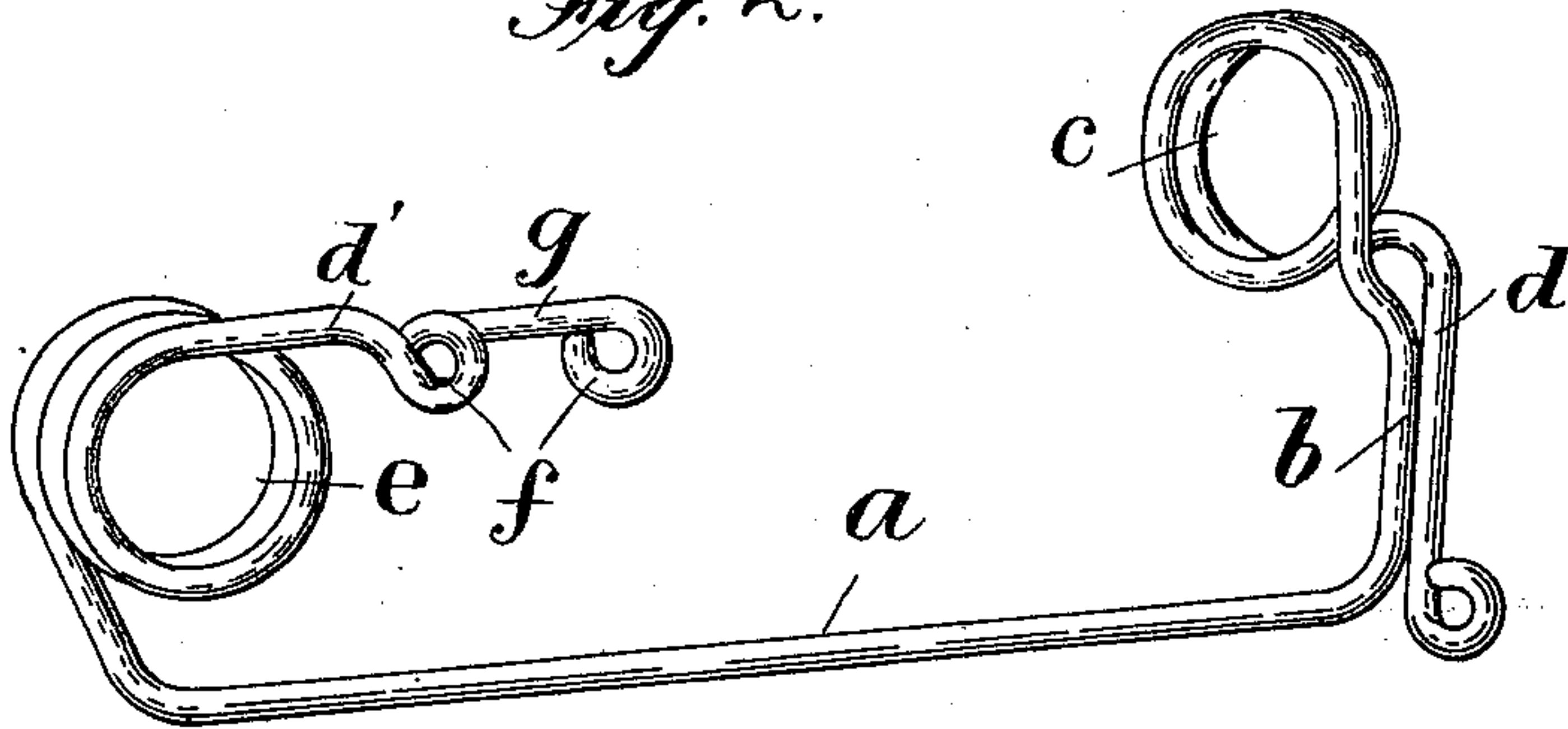


Fig. 3.

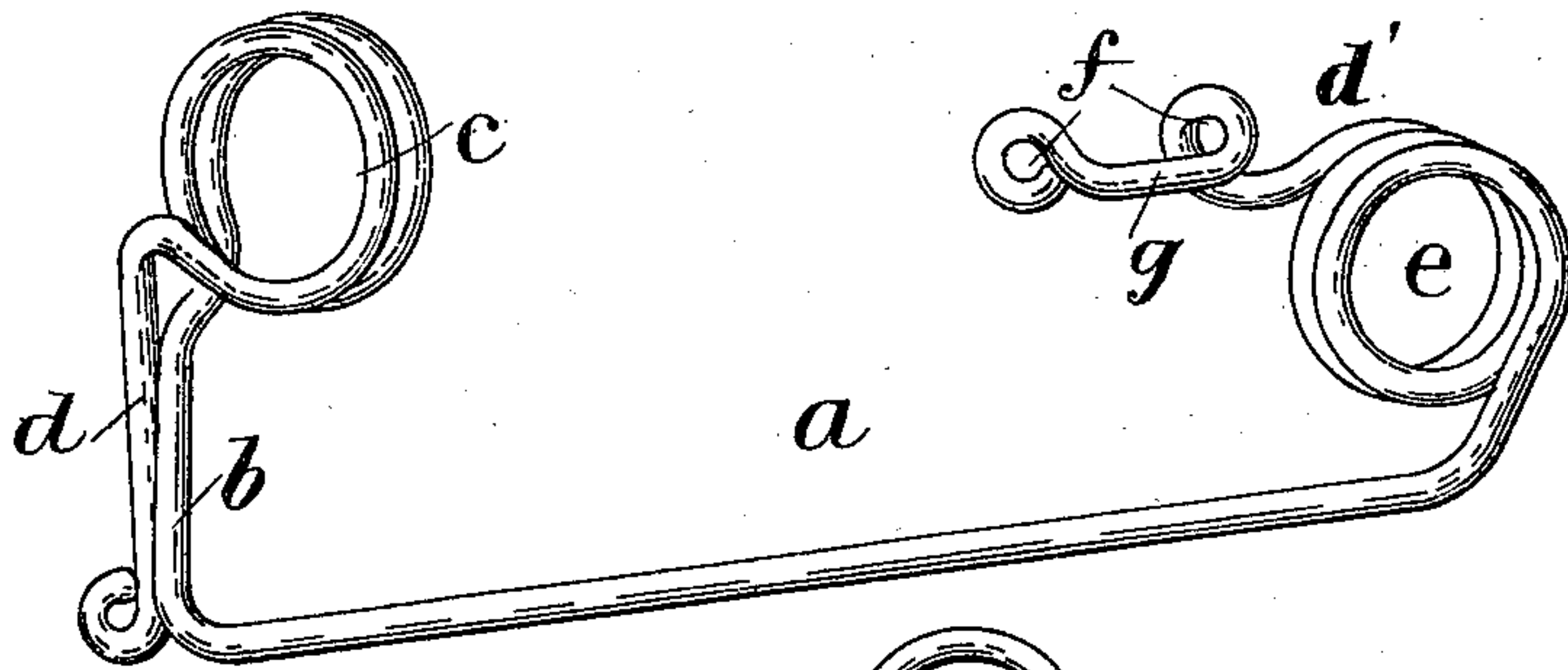
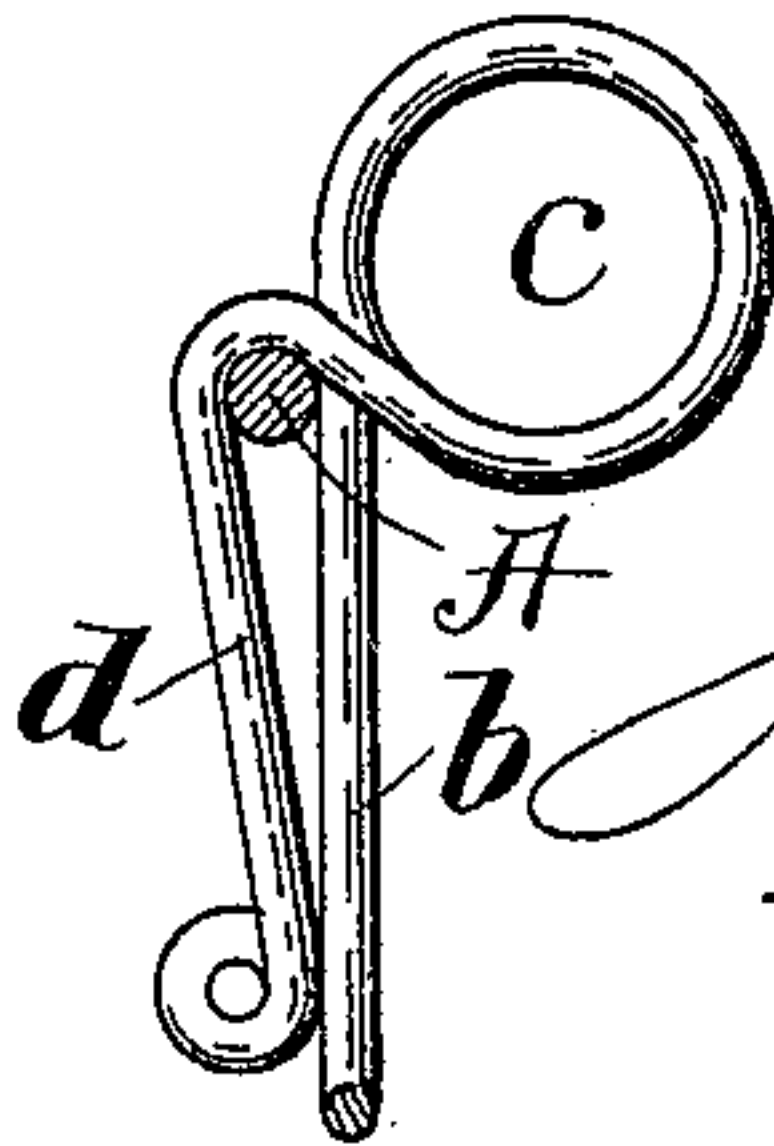


Fig. 4.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## WIRE CLOTHES-PIN.

SPECIFICATION forming part of Letters Patent No. 644,339, dated February 27, 1900.

Application filed December 13, 1899. Serial No. 740,166. (No model.)

*To all whom it may concern:*

Be it known that I, JULIUS GEORGE STRADER, a citizen of the United States, residing at Elbow, in the county of Powhatan and State of Virginia, have invented certain new and useful Improvements in Wire Clothes-Pins, of which the following is a specification.

My invention relates to improvements in wire clothes-pins, and pertains to a wire clothes-pin which is adapted to move around upon the wire line to the desired point thereon and grasp the article which it is desired to hang upon the line, all of which will be fully described hereinafter, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a side elevation of a clothes-line, showing my improved clothes-pin in position thereon. Fig. 2 is a detached enlarged perspective view of my clothes-pin looking at the same from the side thereof. Fig. 3 is a similar view looking at the pin from the opposite side to that shown in Fig. 2.

Referring now to the drawings, A indicates a clothes-line which is composed of wire, and the said line is preferably made in sections, though it may be made of a single straight wire or flexible cable without departing from or affecting the spirit of my invention. The clothes-pin consists of a body or main portion *a*, which has its clothes-attaching end extending upward, as shown at *b*, and coiled into a circular coiled spring-ring *c*, with the end of the coil *d* extending downward parallel the upwardly-extending portion *b* and adapted to form in connection therewith two spring-arms which straddle the clothes-line, as illustrated, and which are adapted to clasp the article to the line. The opposite end of the body portion *a* is bent upward and formed into a coiled spring *e*, said coil being formed, preferably, at right angles to the coil *c* at the opposite end thereof. The end *d'* of the coil *e* is formed into two alined eyes *f*, which are connected by a ligament or connection *g*, the said ligament or connection being a continuation of the wire itself, owing to the manner in which the eyes are formed, as will be readily understood from Figs. 2 and 3.

The function of the coil *e* is to form the spring for holding the clasp-arms at the opposite end of the pin normally downward, as illustrated, and consequently to normally hold the pin in its securing position, and thus

prevent the clothes or other object held thereby from becoming accidentally detached. The downward tension caused by this coil will serve to hold the clasp-ends of the arms of the said pin in their securing position under a tension, and thus insuring a firm hold upon the object supported.

The function of the coil *c* at the opposite end of the pin is twofold. The said coil *c* serves to provide a spring action between the two depending arms *a* and *b* for constituting a spring-clasp for grasping the object to be secured on the clothes-line, and, secondly, as a handle by means of which the operator can remove the spring-arms from the line, and consequently from the article held thereby, and by means of which the operator can also force the spring-arms down upon the article which has been placed against or over the clothes-line when it is desired to support the same thereby.

By means of a wire clothes-pin, as herein shown and described, I provide a pin which can be moved back and forth upon the clothes-line and which is attached thereto, so that it will not become misplaced or lost, and owing to its movement upon the clothes-line it can be carried to the desired point independent of the clothes-line for securing the object thereon as may be necessary to the size of the article held.

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

1. A wire clothes-pin having at one end an eye adapted to slide upon the clothes-line, and its opposite end provided with a spring-coil having one end of the coil extending from the main portion of the pin, and the opposite end of the coil forming a parallel extending spring-arm, substantially as described.

2. A wire clothes-pin having at one end two alining eyes to receive the clothes-line, and a coiled spring, the opposite end of the pin having a spring-coil with two parallel extending spring-arms projecting in a plane at right angles to the plane of the first said spring-coil, substantially as described.

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

JULIUS G. STRADER.

Witnesses:

JESSE W. NICHOLLS,  
OSCAR H. OLIVER.