

(No Model.)

L. P. CARLE.  
SPOOL HOLDER.

No. 539,118.

Patented May 14, 1895.

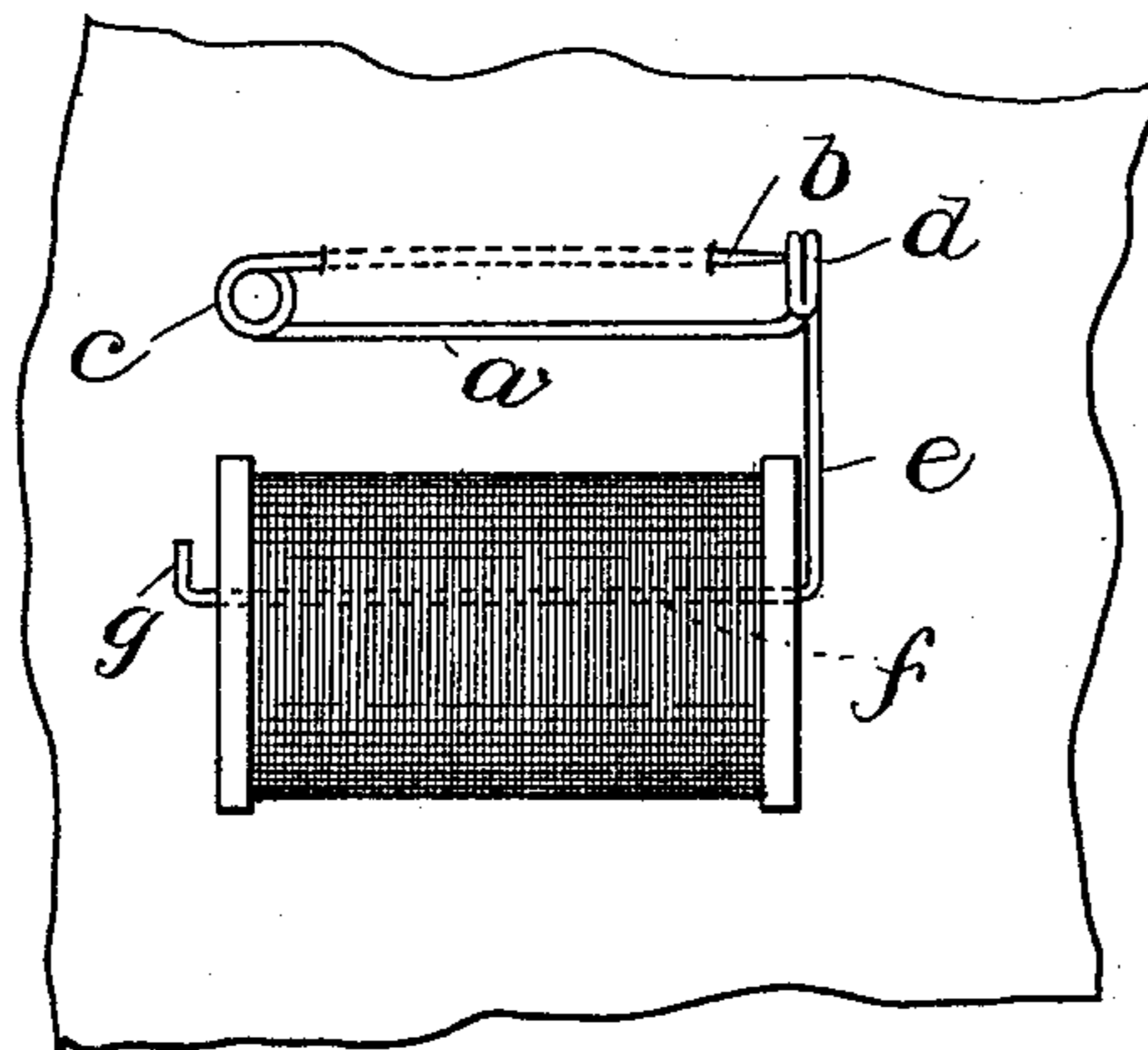


FIG. 1.

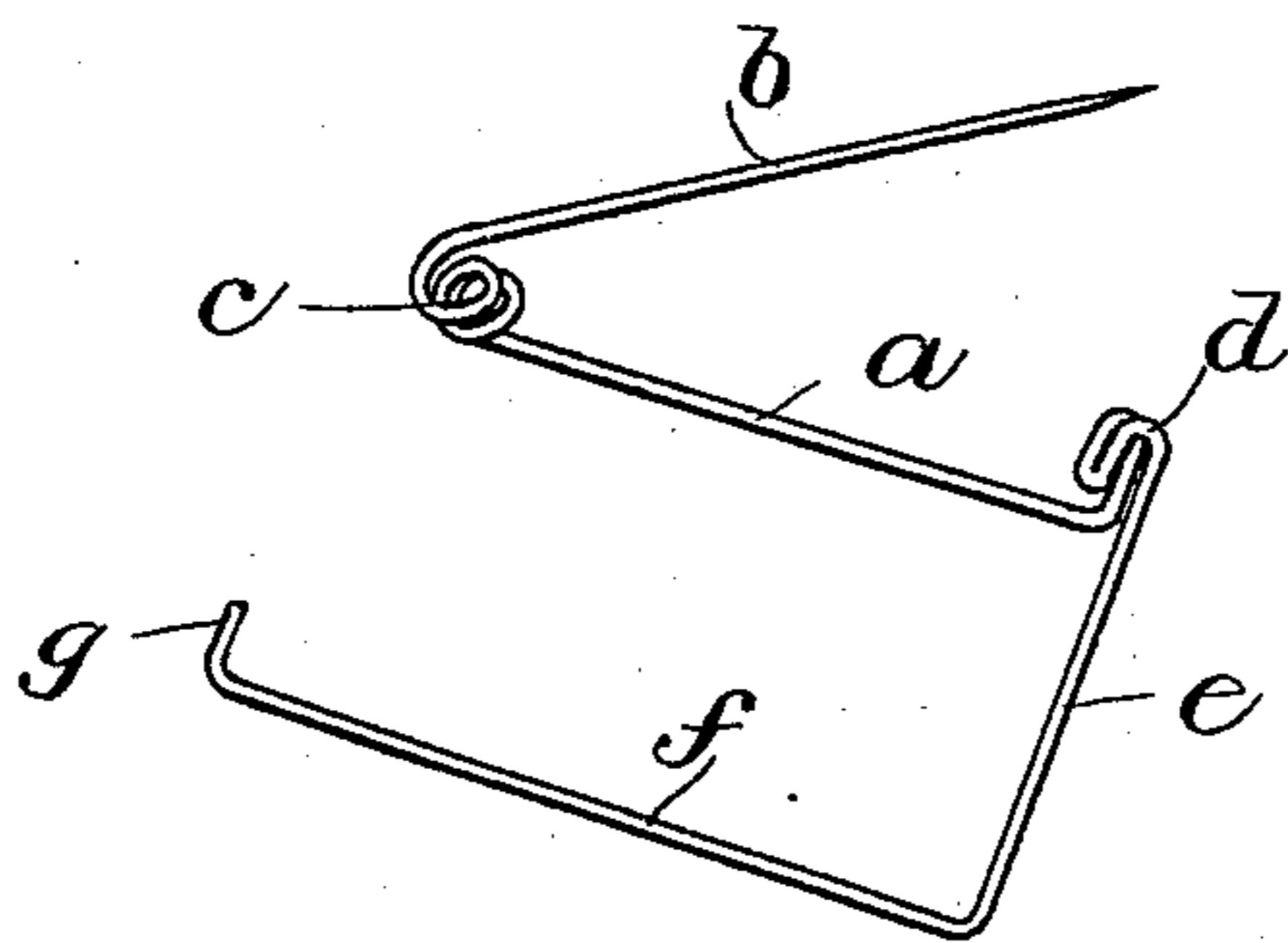


FIG. 2.

WITNESSES:

H. A. Hall.  
A. S. Harrison.

INVENTOR

L. P. Carle  
by Wright & Brown  
Attys.

# UNITED STATES PATENT OFFICE.

LEON P. CARLE, OF LYNN, MASSACHUSETTS, ASSIGNOR TO ANDREW EDEN,  
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## SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 539,118, dated May 14, 1895.

Application filed March 30, 1894. Serial No. 505,688. (No model.)

*To all whom it may concern:*

Be it known that I, LEON P. CARLE, of Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Spool-Holding Garment Attachments, of which the following is a specification.

The object of this invention is to provide a simple, cheap, and efficient spool-holding device for attachment to a garment, as for example a lady's dress, which will hold a spool of thread in convenient position, so that the thread can be readily drawn off from the same. Such an arrangement has the advantage of keeping the spool always at hand.

To the above end, the invention consists in novel features of construction and arrangement of parts hereinafter described and claimed.

The accompanying drawings, which form part of this specification, illustrate an embodiment of the invention.

Figure 1 shows the device as it would appear in use. Fig. 2 shows a perspective view of the device detached.

The article is composed of a single piece of suitable material, as wire, which is made into an attaching pin of the safety type, and also a spool-holding arm.

The letter *a* designates a pin-supporting arm; *b*, a pin connected with said arm by a spiral spring *c*, which tends to throw the pin to an open position; *d*, a hook formed by doubling the wire and bending it over, and adapted to receive the pointed end of the pin and confine the same against the action of the spring *c* and also to cover the point, said parts *a*, *b*, *c*, and *d* constituting a safety-pin.

*e* represents an arm which extends substantially at right angles to the pin-supporting arm *a* and is a continuation of one member of the double hook *d*.

*f* represents a spool-supporting arm extending at right angles to the arm *e* and substantially parallel with the members *a b* of the safety-pin; and *g* represents a bent end-piece on the arm *f*.

The arm *f* is inserted through the bore of

the spool, and the bent end *g* by extending over the end of the spool prevents the same from slipping off. It will be seen that the spool is free to rotate on the arm *f*. The attachment may be applied to the garment wherever desired, by inserting the pin *b* through the fabric and engaging it with the hook *d*.

It will be seen that the device is simple and inexpensive in construction, and can be attached to the garment and will hold the spool so that the thread can be easily drawn off from the same.

The parallel arrangement of the arm *f* and the members *a b* of the safety-pin enables the spool to be supported with its axis of rotation extending horizontally, by attaching the safety-pin to the supporting garment in a horizontal position, the spool being suspended naturally in this position by the safety-pin. The spool horizontally arranged delivers the thread without liability of the thread falling upon and becoming entangled with the arm *f*.

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

A spool-holding garment attachment formed of a single piece of wire, comprising a pin *b*, a pin-supporting arm *a*, a spring *c* between the arm and pin, a pin-confining hook *d* formed of a portion of the wire doubled laterally upon itself, said parts *a b c d* constituting a safety-pin, an arm *e* extending as a continuation of one member of said hook, and a spool-holding arm *f* extending from said arm *e* substantially parallel with the parts *a b* of the safety-pin, the arm having a bent end which projects upwardly when the safety-pin is supported horizontally, and confines the spool on said arm.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 20th day of March, A. D. 1894.

LEON P. CARLE.

Witnesses:

C. F. BROWN,  
G. I. KELSEY.