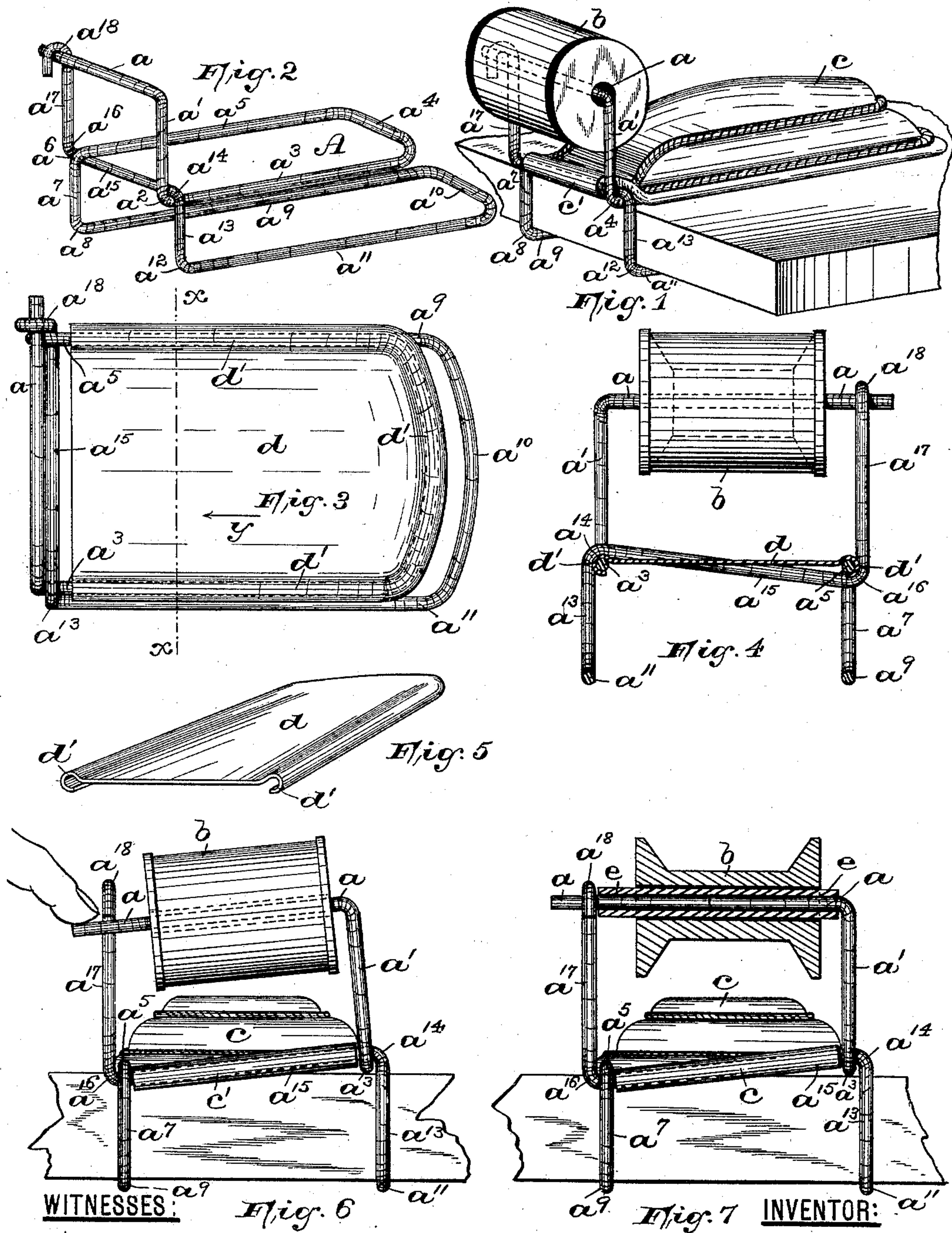


(No Model.)

E. S. JACKSON.
SPOOL HOLDER.

No. 448,799.

Patented Mar. 24, 1891.



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UNITED STATES PATENT OFFICE.

EDWARD S. JACKSON, OF NEWARK, NEW JERSEY.

SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 448,799, dated March 24, 1891.

Application filed December 23, 1890. Serial No. 375,551. (No model.)

To all whom it may concern:

Be it known that I, EDWARD S. JACKSON, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Spool-Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in spool-holders, and has for its object to provide a device adapted to be secured to the edge of a table or any other suitable article of furniture, and which supports a spool of thread or any other like material, whereby a means is provided which allows the spool to turn on its support, avoiding the handling of the same when desired for use, and whereby the spool is prevented from being covered up by the sewing material and from falling upon the floor and rolling away, thereby causing considerable annoyance to the user.

The invention has for its further object to provide such spool-holders with a plate for advertising purposes, and for a still further object said invention has to provide such a device with a pin or needle cushion.

In the accompanying sheet of drawings, Figure 1 is a perspective view showing the holder provided with a pin cushion attached to a table and a spool in position on said holder. Fig. 2 is a similar view of the device detached from the table, showing the arrangement and construction of the spring-arms to which the spool is secured and for attaching the device to a table. Fig. 3 is a plan view of the device provided with a plate secured to the spring-arms, which can be used for advertising purposes. Fig. 4 is a section taken on line *x* in Fig. 3, looking in the direction of arrow *y* in said figure. Fig. 5 is a perspective view of the advertising-plate. Fig. 6 is a front elevation of the spool-holder provided with a needle or pin cushion, illustrating the manner of detaching the spool-holding arm from engagement with a hook-shaped arm for placing or removing a spool on or from said spool-holding arm. Fig. 7 is a similar view,

but showing the spool in vertical section arranged on a spindle, also represented in section on said spool-holding arm.

Similar letters of reference are employed to indicate corresponding parts in each of the several views.

The holder, as shown in the above-described figures and as made, is formed from one continuous piece of spring-wire of any suitable thickness desirable for this purpose.

A represents the wire, one end *a* of which I will term the "spool-holding arm," is bent at a right angle, or approximately so, to form the downwardly-projecting vertical arm *a'*. At *a'* said arm *a'* is bent at another right angle and formed into a horizontal and backwardly-projecting arm *a''*, bent at its end into a loop *a'''*, and lapping back by forming an arm *a''''* parallel, or approximately so, to the arm *a''*. At *a''''* said arm *a''''* is bent to form a downwardly-projecting arm *a'''''*, which at *a'''''* is again bent at a right angle and formed into arm *a''''''*, loop *a'''''''*, and arm *a''''''''* passing forward, parallel or nearly so, to the arm *a''''''*, which at *a''''''''* is bent at a right angle, projecting upwardly, forming the arm *a'''''''''*, being bent at *a'''''''''* at another right angle to embrace the bent portion *a''* of the arm *a''*, as shown. Thence the wire forms the arm *a''''''''''*, which is made to pass under the arm *a''''* at its bent portion *a''''''*, where it is bent at *a''''''''* at a right angle and projects upwardly, forming an arm *a'''''''''*, which is provided at its free end with a hook or nose portion *a''''''''''*.

By means of the backwardly-projecting arms *a''* and *a''''* and also arms *a''''''* and *a''''''''* the holder can be attached to an article of furniture, such as a table or a sewing-machine, &c., as will be seen from Fig. 1. When said arms have been slipped over the article of furniture and the device is held in position thereon, the arm *a* can be depressed by means of the finger, as shown in Fig. 6, so as to become disengaged from the hook or nose portion *a''''''''''*, and a spool *b* can be placed on said arm and said arm again forced into its locked engagement with the hooked portion *a''''''''''*.

As will be noticed more especially from Figs. 1, 6, and 7, the arm *a''''''''''* may have secured thereon in any well-known manner a pin or needle cushion *c*. As illustrated in said figures, said cushion is stitched at its

forward end c' around said arm a^{15} , so that it rests upon the arms a^3 and a^5 and also the loop a^4 . Of course it will be understood that said cushion can be removably secured upon the arm a^{15} by means of ordinary spring-hooks, as will be understood, or the cushion can be entirely dispensed with.

As shown in Figs. 3 and 4, the arms a^3 and a^5 and loop a^4 may be provided with a plate d , preferably made of metal, which serves to keep the said arms the proper distance apart, and thereby stiffens the entire holder, said plate being secured on said arms by means of the overlapping and curved portions d' . By this means I secure an advertising novelty which can be cheaply made, which possesses the advantages above set forth, and becomes an article of utility. The card of the advertiser may be printed or stamped on said plate d , or said plate may be made of other suitable material with the card directly molded in the same, and when a metal plate is used it can be suitably colored, as will be understood.

As shown in Fig. 7, the arm a can be provided with an ordinary spindle e , upon which the spool b is arranged, as will be evident, but said spindle is not essential to the successful working of the device.

Having thus described my invention, what I claim is—

1. As an improved article of manufacture, the herein-described spool-holder, consisting, essentially, of a continuous piece of spring-wire bent at one end into a spool-holding arm

a , bent downwardly into an arm a' , and formed into backwardly-projecting spring-arms a^3 , a^5 , a^9 , and a^{11} , connected by loops a^4 and a^{10} for clamping the same upon an article of furniture, said arm a^{11} being bent upward into an arm a^{13} and horizontally therefrom into an arm a^{15} , formed at its opposite ends into an upwardly-projecting arm a^{17} , provided with a hook a^{18} at its extreme end, with which the free end of the arm a is forced into holding engagement, for the purposes set forth.

2. As an improved article of manufacture, the herein-described spool-holder, consisting, essentially, of a continuous piece of spring-wire bent at one end into a spool-holding arm a , bent downwardly into an arm a' , and formed into backwardly-projecting spring-arms a^3 , a^5 , a^9 , and a^{11} , connected by loops a^4 and a^{10} for clamping the same upon an article of furniture, said arm a^{11} being bent upwardly around and above arm a^3 , forming arm a^{15} , and beneath and around arm a^5 , forming an upwardly-projecting arm a^{17} , provided with a hook, with which the free end of the arm a is forced into holding engagement, and a plate d , secured to said arms a^3 and a^5 , as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 20th day of December, 1890.

EDWARD S. JACKSON.

Witnesses:

FREDK. C. FRAENTZEL,
WM. H. CAMFIELD, Jr.