

(No Model.)

A. L. PEROT.  
SPOOL HOLDER.

No. 565,562.

Patented Aug. 11, 1896.

Fig. 1.

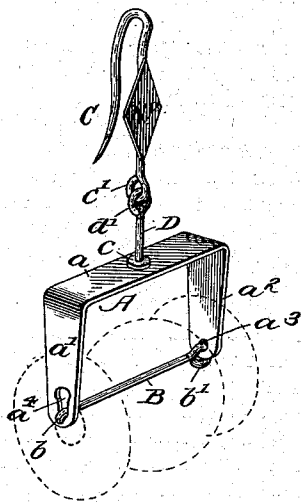


Fig. 2.

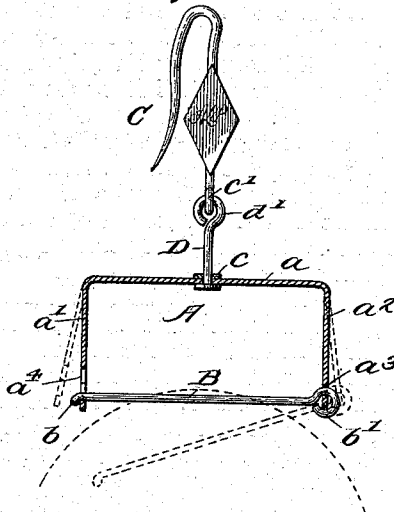


Fig. 3.

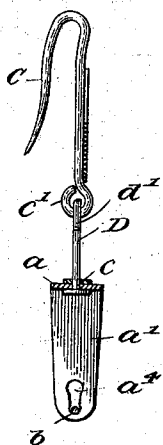
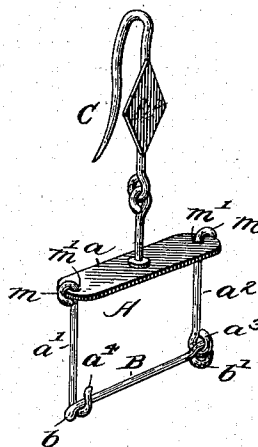


Fig. 4.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ANNIE LOVERING PEROT, OF PHILADELPHIA, PENNSYLVANIA.

## SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 565,562, dated August 11, 1896.

Application filed October 16, 1895. Serial No. 565,918. (No model.)

*To all whom it may concern:*

Be it known that I, ANNIE LOVERING PEROT, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Devices for Holding Knitting Silks and Worsteds; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to devices for holding knitting silks and worsteds during the operation of working and knitting by hand, and it has special relation to that type of devices of this class which embody a suspending-hook carrying a frame upon which is adapted to be mounted the knitting silks or worsteds.

My present invention embodies an improved form and construction and arrangement of this type of devices, as presented in my pending application, Serial No. 563,543, filed September 24, 1895.

In the drawings, Figure 1 is a perspective view of a device embodying my invention, showing the same in position for use, the spool of knitting-silk being shown in dotted lines. Fig. 2 is a detail transverse sectional view, the ball of worsted being shown in dotted lines. Fig. 3 is a detail cross-section. Fig. 4 is a perspective view of the device, illustrating a modification.

Corresponding parts in all the figures are denoted by the same letters of reference.

Referring to the drawings, A designates the frame of the device, which may be constructed in a single piece of flat spring metal, as shown in Figs. 1 and 2, and embodies a transverse top plate  $a$  and depending side plates  $a'$  and  $a''$ , respectively. At the lower end of the depending side piece or plate  $a''$  is pivotally hinged or mounted an arm or rod B, adapted to extend transversely across the frame A at its bottom and engage the opposite depending side piece or plate  $a'$  with its free end  $b$ . The pivotal or hinge connection between the arm or bar B and the depending side piece  $a''$  is preferably formed by an eye or loop  $b'$ , formed at the end of the bar and

engaging an eye or opening  $a^3$ , formed in the side piece  $a''$ .

The engagement between the free end  $b$  of the rod or bar B and the opposite side piece  $a'$  is preferably effected by means of a slot or suitably-extended opening  $a^4$  in the side piece  $a'$ , said slot being adapted to receive the end  $b$  of the rod, for which purpose the end  $b$  is constructed in the shape of a hook or knob, as shown, and is preferably blunt to obviate engagement with the dress of the operator. To enable the engagement and disengagement of the end of the pivoted or hinged bar with the side piece  $a'$ , the latter is adapted to spring outwardly, as shown in dotted lines, Fig. 2.

I do not restrict myself specifically to the form of pivotal or hinge connection of the bar B with the side piece  $a''$ , nor to the means for engaging the bar with the side piece  $a'$ , as herein shown, it being obvious that these connections may be formed or constructed in any suitable or adapted manner.

In Fig. 4 I have illustrated a modification in which the frame A, instead of being formed in a single piece of spring metal, has the side pieces  $a'$  and  $a''$  formed separately from the transverse top plate  $a$ . In this construction the depending side pieces are preferably formed of wire, having a pivotal or hinge connection with the respective ends of the transverse top plate  $a$ , this connection being preferably formed by means of eyes or loops  $m$ , provided at the top ends of the side pieces and engaging an eye or opening  $m'$ , formed in the ends of the transverse top plate  $a$ . The side pieces thus have a pivotal or hinge connection with the transverse top-plate and hang or depend loosely therefrom. In this construction the rod or bar B has a corresponding pivotal or hinge connection with the lower end of the side piece  $a''$ , preferably formed by the engagement of the eye or loop  $b'$  with the eye or loop  $a^3$  at the lower end of the side piece  $a''$ , and the outer free end  $b$  is adapted to engage the hook  $a^4$ , formed at the lower end of the side piece  $a'$ , said end  $b$  being in the shape of a knob, as above specified.

I do not restrict myself specifically to the form of pivotal or hinge connections between the side pieces and transverse top plate, nor the connections between the bar B and

the side pieces, as shown in said modification, as any suitable or adapted connections of this character may be employed.

5 The spool of knitting-silk or ball of worsted is adapted to be carried upon the hinged bottom bar B, as shown.

10 The frame A is adapted to be suspended from a hook C, such as shown in my above-mentioned pending application for patent, connected with the transverse top plate *a'*, the hook being designed to be engaged in a woman's dress. The hook C is connected with the transverse top plate *a* by a swiveled joint, as shown at *c*, to allow free play of the  
15 suspended frame. The connection of the hook proper with the plate is preferably effected by means of a short bar or pin D, having its lower end swiveled to the plate *a*, as shown at *c*, and projecting upwardly from  
20 the plate. The lower end of the hook is loosely connected to the end of the swiveled hook D preferably by engaging loops or eyes *c'* and *d'* on the respective parts.

25 The operation and advantages of my invention will be readily understood. It is adapted for simple and convenient use to effectively hold knitting silks or worsteds during the operation of knitting, and will retain the same in proper position for use and obviate any  
30 liability of tangling or displacement.

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

35 1. An improved device for holding knitting silks and worsteds, comprising the suspending-hook adapted to be attached to the dress of the operator, the transverse top piece com-

prising in the frame and extending across the device, the bar or pin having its top end pivotally connected with the suspending-hook 40 and its lower end swiveled to said transverse top plate, the depending side pieces of the frame extending downwardly from the ends of said transverse top piece, and the bottom rod or bar having one end connected by a  
45 hinge-joint with the lower end of one of the depending side pieces and its free end detachably connected with the opposite side piece, substantially as and for the purpose set forth.

2. An improved device for holding knitting 50 silks and worsteds, comprising the suspending-hook adapted to be attached to the dress of the operator, the frame constructed in a single piece of a spring-plate and embodying the transverse top plate extending across the  
55 device and the side plates depending from the ends of said transverse top plate and adapted to spring outwardly, the bar or pin having its top end pivotally connected with the suspending-hook and its lower end swiv- 60 eled centrally to the top cross-plate of the frame, and the bottom rod or bar having one end connected by a hinge-joint with the lower end of one of the depending spring side plates and its free end detachably connected with  
65 the other side plate by reason of the outward spring of the latter, substantially as and for the purpose set forth.

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

ANNIE LOVERING PEROT.

Witnesses:

F. E. BEMIS,

A. G. CHANDLER.