

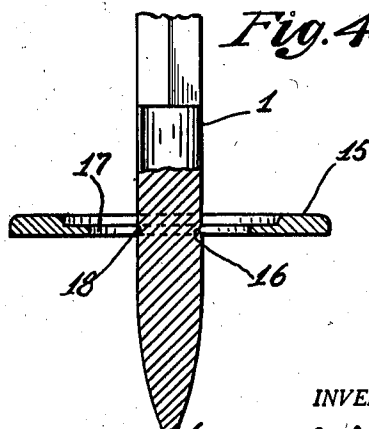
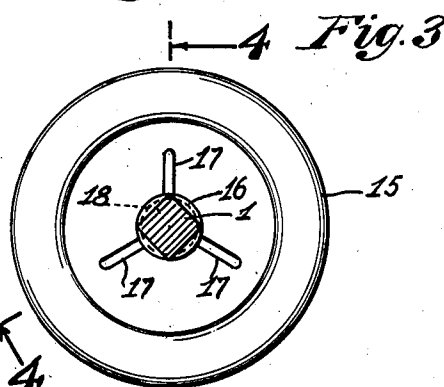
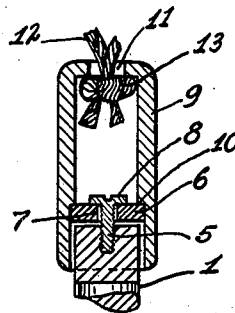
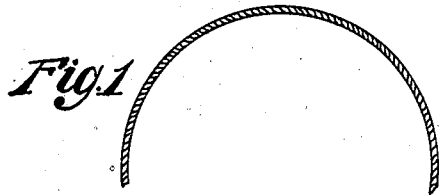
March 30, 1943.

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2,315,275

HOLDER FOR BALLS AND BOBBINS OF STRAND MATERIAL

Filed April 7, 1942



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2,315,275

HOLDER FOR BALLS AND BOBBINS OF
STRAND MATERIAL

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Application April 7, 1942, Serial No. 437,972

3 Claims. (Cl. 242—136)

My invention relates to improvements in holders for balls and bobbins of strand material, for example wool, silk cord or yarn, and particularly to balls or bobbins as conventionally used in connection with knitting, crocheting, and similar needlework.

An object of my invention is a holder which can easily and conveniently be attached to the person of the user for example by slipping it over the wrist of the user and which provides a rotatable suspension of a ball or bobbin thus permitting an unwinding of strand material while the work is in progress.

Another object of my invention is a holder comprising two sections joined by a swivel connection, one of said sections being secured to a bracelet to be slipped over the wrist of the user and the other serving as carrier for the ball or bobbin of strand material.

Another object of my invention is to provide means which protect and cover the swivel joint connecting the two sections of said holder to prevent the strand material from becoming enmeshed with the joint.

Another object of my invention is to provide means to secure said ball or bobbin of strand material in its position on said holder.

Another object of my invention is to associate a ruler with said holder.

Other and further objects of my invention will hereinafter be set forth and the novel features thereof defined by the appended claims.

In the accompanying drawing an embodiment of my invention is shown.

Fig. 1 is an elevational front view of a holder according to my invention;

Fig. 2 is a longitudinal section along line 2—2 of Fig. 1, showing the swivel connection between the two sections of the holder on an enlarged scale;

Fig. 3 is a plan view of a disc for holding balls or bobbins in their position; and

Fig. 4 is a longitudinal section along line 4—4 of Fig. 1 on an enlarged scale.

A holder according to my invention comprises a pin-shaped section 1 made of any suitable material, for example wood, metal, or a plastic. The lower end of pin 1 is tapered in order to facilitate the piercing of a ball or bobbin of strand material to be carried by the holder. The cross-section of pin 1 may be circular over its entire length, but I have found it preferable to give the middle part of the pin a square cross-section and to provide ruler marks 3 as shown in the drawing. Such ruler is often convenient

when doing needlework. At the upper end of pin 1 a pivot-pin 5 is provided. This pivot may consist of a screw which is screwed into pin 1 or attached to the pin by any other suitable means. Pivot 5 serves to connect a washer or disc 6 rotatably with pin 1. This washer is provided with a central hole 7 through which pivot 5 is passed. Pivot 5 is preferably provided with a head 8 in order to secure washer 6 on pin 1. Washer 6 is disposed within a sleeve or cap 9 and is fixed to the inner walls of this cap. It is obvious from Figs. 1 and 2 of the drawing that pin 1 with its pivot 5 can be rotated relative to washer 6, thus permitting a swivel movement of the pin relative to cap 9. Cap 9 may consist of any suitable material, for instance metal, wood, or plastic. It may have the same color as pin 1 or a different color. The lower end of cap 9 is preferably extended beyond the upper edge of pin 1 in order to prevent any strand from being caught between washer 6 and pin 1 or being damaged by any sharp edges of pivot 5. Sleeve 9 may be provided with a shoulder 10 against which washer 6 may abut. The lower edge of sleeve 9 may be rounded off. At the upper end of cap or sleeve 9 is provided an opening 11 which serves to secure a bracelet 12 to the holder. This bracelet may consist of any suitable material, for example braided leather or cord. It may be formed by knotting together a suitable length of braided leather. The loop thus formed is passed through opening 11 of cap 9 before washer 6 is attached to the cap. The knot 13, holding the ends of the bracelet together should be of such a size that it cannot slip through opening 11, thus connecting bracelet 12 with cap 9 as shown in Fig. 2. Instead of forming a knot by knotting the ends of an open length of leather together, the knot can of course be formed by any other suitable means.

The ball or bobbin 14 of strand material which is indicated in Fig. 1 by dotted lines is slipped on pin 1 by piercing the tapered end of pin 1 through ball 14 which may consist, for example of wool.

In order to secure ball 14 in its position on pin 1 a detachable disc 15 is provided, made of the same material as pin 1 or of any other suitable material. This disc has a central opening 16 from which radiate one or more slots 17. The diameter of opening 16 is slightly smaller than that of the circular pin section on which the disc is to be placed. In order to secure the disc in a certain position on the pin an annular groove 18 may be provided, the inner diameter

of which corresponds to the diameter of opening 16. When the disc is slid over the tapered end of pin 1 the sections formed by radial slots 17 will yield slightly due to the elasticity of the disc material. As soon as groove 18 is reached the sections formed by slots 17 will snap back into their original positions thus securing disc 15 in its position.

When the holder is to be used, the needle-worker slips the bracelet 12 over her arm after having previously secured the ball on pin 1. Pin 1 and with it ball 14 can freely rotate due to its swivel connection with cap 9. Due to the peculiar shape of cap 9 there is no danger that yarn payed off ball 14 will become entangled in the swivel joint.

I do not wish my invention to be limited to the embodiment shown in and described herein, as various changes may be made without departing from the scope of the invention.

Having thus described my invention, what I claim is new and desired to secure by Letters Patent is:

1. A holder for balls and bobbins of strand material comprising a pin-shaped section adapted to pierce and carry a ball or bobbin, a disc for holding said ball or bobbin in its position on said pin, means for securing said disc in its position on said pin-shaped section, a washer having a hole, a pivot-pin provided with a head passed through said hole and secured to said pin sec-

tion, a sleeve having a restricted cross-section at one end, said washer being fastened within said sleeve in a position in which the walls of said sleeve encompass the pivot-pin carrying end of said pin-shaped section and a bracelet including a knot, said knot being disposed behind the restricted cross-section of said sleeve, thus securing said bracelet to said sleeve.

2. A holder as described in claim 1, in which said disc has a hole whose diameter is slightly smaller than the cross-section of said pin-shaped section and in which said pin-shaped section includes an annular groove whose cross-section is equal to the diameter of said disc hole.

3. A holder for balls and bobbins of strand material comprising a pin-shaped section, adapted to pierce and carry a ball or bobbin, a washer having a hole, a pivot pin having a head passed through said hole and screwed into the top of said pin shape section, a cap having an aperture in its closed top and a shoulder in its inner walls, said washer being fastened within said cap abutting against said shoulder and in a position in which the walls of said cap encompass the pivot pin carrying end of said pin-shaped section, and a loop made of flexible material and including a thickened portion having a cross section larger than said aperture, said thickened portion being disposed within said cap behind said aperture, thus securing said flexible loop to said cap.

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