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J. GOMBERG

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YARN WINDING AND HOLDING DEVICE

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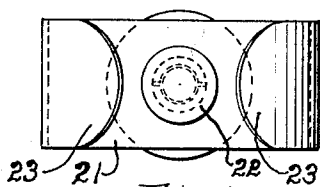
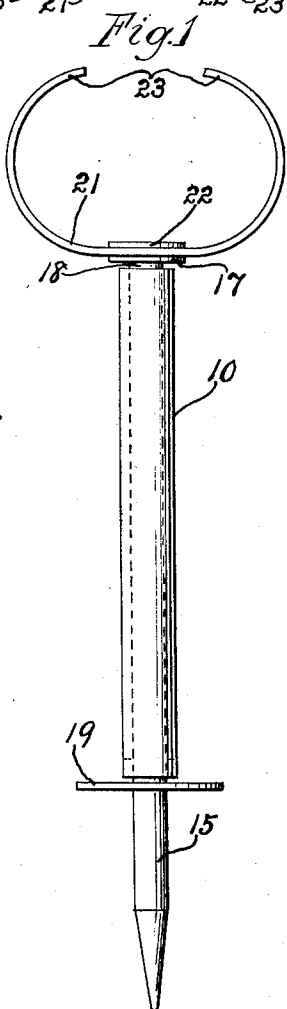
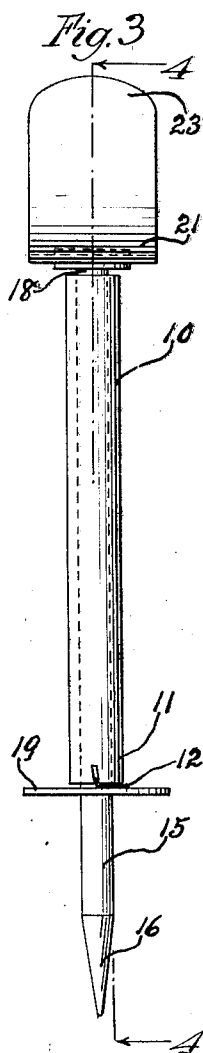
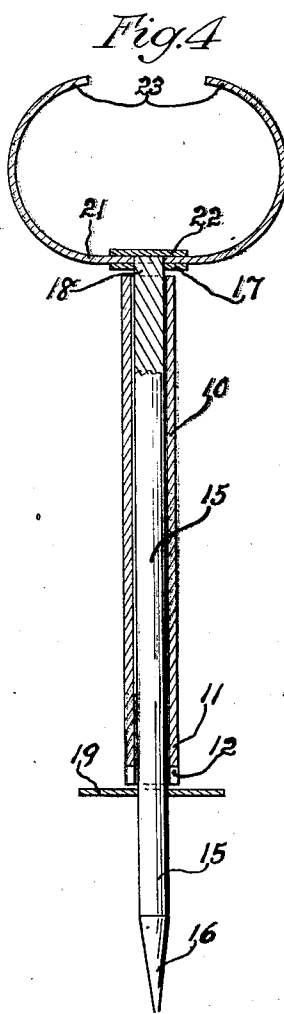
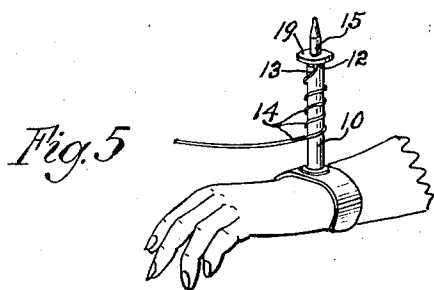


Fig. 2



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YARN WINDING AND HOLDING DEVICE

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2 Claims. (Cl. 242—136)

This invention relates to a novel and unique yarn winding and holding device.

One of the essential objects of this invention is to provide a device on which a small quantity of yarn, one or two ounces, may be readily wound and held in place near the hands, so that the yarn can be conveniently unwound from the device and drawn forward for use while utilizing the hands in knitting a garment.

A more particular object of this invention is to provide such a device which includes means whereon a suitable quantity of yarn can first be conveniently wound, and also includes companion means whereon such yarn-carrying means is movably supported and whereby this device can be readily mounted on a wrist of a person, so that the yarn can then be conveniently unwound and withdrawn from the device in a knitting operation.

These and various other objects and advantages are attained with this invention, as will become apparent from the following description, taken in connection with the accompanying drawing wherein this invention is shown in its preferred form, it being evident that other forms of construction and modifications may be resorted to in carrying out the objects and purposes of this invention.

In the drawing:

Fig. 1 is a side view of the yarn winding and holding device shown in a preferred form of construction.

Fig. 2 is an end view thereof.

Fig. 3 also shows this device in a side view, turned 90° from the position shown in Fig. 1.

Fig. 4 is a sectional view, taken on line 4—4 of Fig. 3, longitudinally of the device.

Fig. 5 is a perspective view illustrating this device as being mounted in its operative position on a person's wrist.

In the drawing this invention is illustrated in one of the preferred forms of construction, comprising a member or sleeve 10, shown in the shape of a tubular member or sleeve, which acts as a spool body or sleeve whereon a desired quantity of yarn can be conveniently wound. This member is preferably also provided at one end 11 with one or more notches 12, adapted to have the initial or tail end 13 of the yarn 14 placed and held therein, thus providing the sleeve 10 with means for holding the yarn end 13 in position thereon, as indicated in Fig. 5 of the drawing. A suitable quantity of yarn for use in knitting a garment, for instance an ounce or two, can be conveniently wound around this sleeve 10, in the well known manner.

Companion means 15 is also provided for supporting the yarn-carrying member or sleeve 10 movably in position so as to facilitate unwinding the yarn from the sleeve; and this means 15

is illustrated herein in the shape of a shaft or spindle, whereon the spindle is rotatably mounted and can be easily turned thereon, so that the yarn can be conveniently withdrawn therefrom during a knitting operation. Said shaft or spindle includes a reduced end 16, adapted to facilitate entering it in the sleeve 10, and at its other end 18 the shaft or spindle has a head or stop plate 17; while a member 19, shown in the form of a disk, is removably mounted on the shaft adjacent the reduced end 16, so that the sleeve 10 is confined between said plate 17 and disk 19 to rotate freely on the shaft but to prevent undesired withdrawal therefrom.

The shaft or supporting means 15 is furthermore provided with means whereby the device can be mounted on a part of the person to support the yarn in a convenient position near the hands; and this mounting means is illustrated herein in the form of a yoke-like clasp member 21 which is secured by an end plate 22 on the end 18 of shaft 15, being held between plates 17 and 22. This clasp member 21 includes fingers or elements 23 which are spaced apart and are bendable resilient and arranged to be readily clasped onto a wrist or part of an arm near the hand, so as to hold this device in a handy position near the hands of a person, and the yarn can hereby be conveniently unwound from the rotary sleeve and drawn forward for use while the hands are busy in the knitting operation.

It is apparent from the above disclosure that this device is shaped and arranged to be made and placed on the market at a small cost, and can be made of plastic material and without the use of any metal if necessary; and the required quantity of yarn can be held in a handy place near the hands and can be conveniently drawn forward for use in knitting, thereby providing a highly desirable and useful yarn winding and holding device.

I claim:

1. A yarn winder and holder of the character disclosed, comprising a resilient clasp for firmly clasping the wrist of the user, a shaft rigidly secured at its lower end to said clasp, a tubular spool sleeve rotatably mounted on said shaft and having at its upper end a notch for the holding therein of an end portion of the yarn to be wound on said sleeve, and a disc frictionally engaging the upper end portion of said shaft adjacent to the upper notched end of the sleeve to prevent the end of the yarn in said notch from working free from said sleeve.

2. A yarn winder and holder of the character disclosed, comprising a resilient clasp for firmly clasping the wrist of the user, a shaft rigidly secured at its lower end to said clasp, a tubular spool sleeve rotatably mounted on said shaft and having at its upper end a notch for the holding

therein of an end portion of the yarn to be wound on said sleeve, and a disc frictionally engaging the upper end portion of said shaft adjacent to the upper notched end of the sleeve to prevent the end of the yarn in said notch from working free from said sleeve, said lower end of said shaft having an end plate rigid with said shaft and

clamped against the inside surface of said clasp, and a stop plate connected to said lower end portion of said shaft and clamped against the outside surface of said clasp for holding said shaft rigid with said clasp, said stop plate serving as a thrust-bearing for said sleeve.

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