

Oct. 22, 1963

M. MEISSNER-BUB
DEVICE FOR SECURING THE EXTERNAL TURNS
OF A BALL OF YARN OR CORD
Filed Feb. 6, 1962

3,107,407

Fig. 1

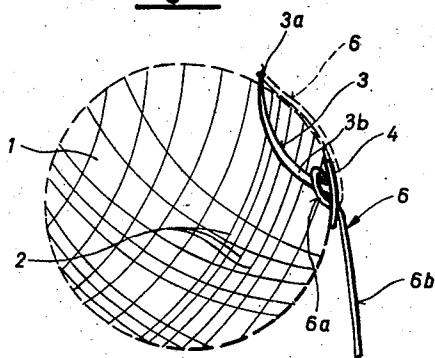
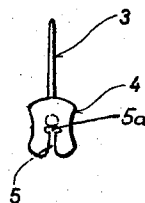


Fig. 2



Inventor
M. Meissner - Bub
By
Watson, Cole, Grindle & Watson
Attys.

1

3,107,407

DEVICE FOR SECURING THE EXTERNAL TURNS
OF A BALL OF YARN OR CORD

Marta Meissner-Bub, Schönenwerd,
Solothurn, Switzerland

Filed Feb. 6, 1962, Ser. No. 171,465

Claims priority, application Switzerland Feb. 11, 1961

1 Claim. (Cl. 24—150)

This invention relates to a device for securing the external turns of a ball of yarn or cord. Such devices are known which include a curved needle of which the end opposite the end inserted has a head acting as a stop on the yarn or cord end.

According to the invention the device consists principally in that the needle head has the form of a convenient plate that rests against the ball and is provided with a hole-like opening through which an endless rubber band is passed, one end thereof being drawn in the form of a loop over the needle neck while the other end is adapted for drawing over the blunt point of the needle which projects from the ball and for being held between said blunt point and ball.

Preferably, the plate is provided with a slot extending outwards from the hole-like opening.

Further features of the invention will appear from the following description and claim, taken in conjunction with the accompanying drawing which shows, purely by way of example, one preferred form of embodiment incorporating the invention.

FIG. 1 shows a side view of the device with a ball of yarn;

FIG. 2 is a top view of the device.

According to the embodiment shown a ball of wool is designated 1, and the last external turns 2. These last turns 2 are to be secured on the ball in a simple manner so that the ball cannot become loose and so that no disorder can arise on storing, say, several balls in a box.

As will be apparent from the foregoing, the device of this invention is for the purpose of securing the outer end of a ball 1 of yarn or cord by means of a curved needle 3, said needle having a blunt point 3a at one end and the curved needle is adapted to be inserted in the ball 1.

The needle 3 has the part 3a projecting from the ball of yarn and a head 4 is secured at the other end of the curved needle and this head is in the form of a plate secured to the needle and, as shown in FIG. 1 of the drawing it is adapted to rest and cling against the ball 1. The head 4 is provided with an opening in the form of a slot 5 in an edge of the plate and this slot communicates with an opening 5a therein. An endless rubber band 6 has one end thereof placed in the form of a loop 6a of the needle at the part thereof which is secured to the plate 4 and a portion 6b adjacent the end near the plate is drawn

2

through the slot 5 and into the opening 5a and the other end of the band is drawn over the blunt point 3a of the needle, which latter projects from the ball. The band 6 is held between the blunt point 3a and the plate 4 to thus secure the outer end of the yarn or cord against the ball 1.

While I have described a specific embodiment of my invention it is to be understood that the details of construction may be changed by those skilled in the art within the purview of this invention. For example, a similar gripping effect on the yarn or cord end could also be obtained by a modified plate 4, whereby no slot, but only a hole, corresponding to the opening 5a is provided. Furthermore, a small cap could be attached to the rubber band 6 for covering the needle point 3a when the rubber band 6 is placed over the point 3a.

What I claim is:

A device for securing the outer end of a ball of yarn or cord, comprising a curved needle, there being a blunt point at one end of said curved needle for insertion in said ball and having a part projecting from the ball of yarn or cord, a head at the other end of said curved needle, said head being in the form of a plate secured to the needle and adapted to rest and cling against the ball and provided with an opening, there being a slot in an edge of said plate communicating with said opening, an endless rubber band, one end of the band being placed in the form of a loop over the needle at the part thereof which is secured to the plate, a portion of said band adjacent said one end being drawn through the slot and into said opening and the other end of said band being drawn over the blunt point of the needle which projects from the ball and being held between said blunt point and said plate to secure the outer end of the yarn or cord against the ball.

References Cited in the file of this patent

UNITED STATES PATENTS		
377,160	Hunter	Jan. 31, 1888
504,634	Stevens	Sept. 5, 1893
590,193	Posey	Sept. 14, 1897
726,797	Flower	Apr. 28, 1903
1,184,750	Jenkins	May 30, 1916
1,712,531	Torrelli	May 14, 1929
1,833,665	Wagner	Nov. 24, 1931
2,803,253	Campbell	Aug. 20, 1957
2,848,236	Gibson	Aug. 19, 1958
2,865,375	Banks et al.	Dec. 23, 1958

FOREIGN PATENTS		
437,146	Germany	Nov. 12, 1926
423,992	Italy	Aug. 1, 1947