

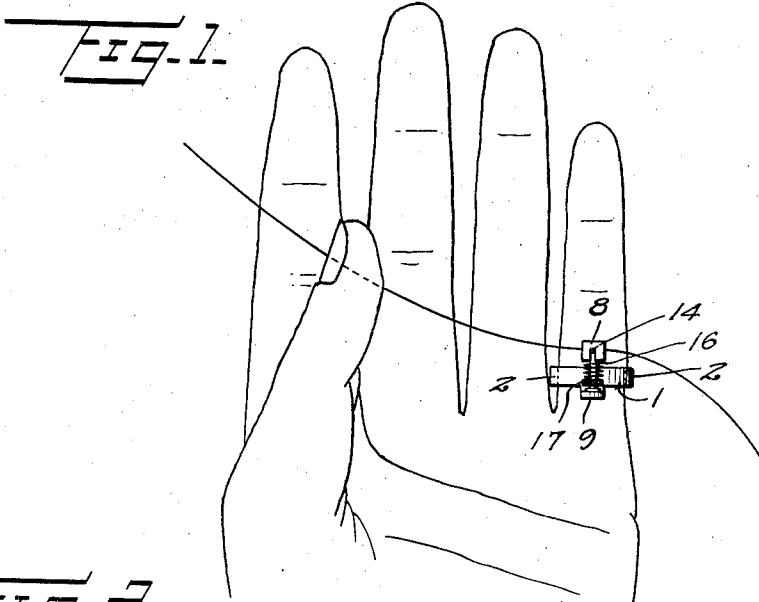
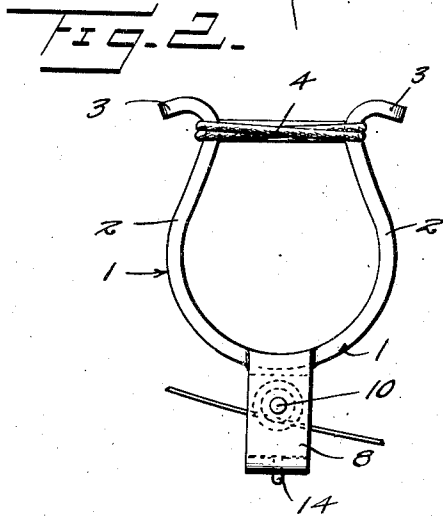
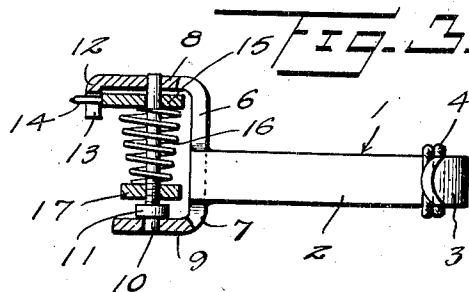
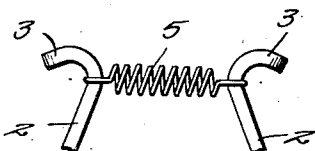
Jan. 3, 1939.

W. E. HOCKERT

2,142,608

TENSIONING DEVICE

Filed Sept. 14, 1936



W.E.Hockert
INVENTOR

BY Victor J. Evans & Co.

ATTORNEY

UNITED STATES PATENT OFFICE

2,142,608

TENSIONING DEVICE

Walter E. Hockert, Sutherland, Iowa

Application September 14, 1936, Serial No. 100,726

1 Claim. (Cl. 242—150)

This invention relates to tensioning devices for thread, yarn and like material, for use in crocheting, knitting and the like, and its general object is to provide a tensioning device of that character to be worn upon the finger of the user, to receive the material for holding the same against casual removal therefrom and under proper tension at all times, thus eliminating the necessity of winding the thread about the finger, and the usual strain and other disadvantageous features as a result thereof, and the device facilitates the making of uniform and perfect work with minimum effort and in an easy and expeditious manner.

Another object of the invention is to provide a tensioning device, that is self-adjustable to the size of the finger when applied thereto so as to snugly fit the same, and is adjustable to vary the tension in accordance with the particular type or size of material used, as well as for different kinds of work.

A further object of the invention is to provide a tensioning device for disposal on a finger of the user, that will not interfere with a ring worn thereon.

A still further object of the invention is to provide a tensioning device that can be readily threaded, is simple in construction, inexpensive to manufacture and extremely efficient in operation, use and service.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claim.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a view illustrating my tensioning device applied to a finger of the user.

Figure 2 is a top plan view of the device per se.

Figure 3 is a side view partly in section.

Figure 4 is a fragmentary view illustrating a modified form of securing means for the device.

Referring to the drawing in detail, the reference numeral 1 indicates the supporting body or finger receiving member of the device, and which is shown as being of substantially U-shaped formation with rounded arms 2 which terminate at their free ends in outwardly directed hook portions 3, for the purpose of receiving resilient means, such as a rubber band

4, as shown in Figure 2, or a coil spring 5 shown in Figure 4, for securing the body snugly about the finger, as will be apparent, it being understood that the body is formed from some light weight resilient material, so that the band 4, or spring 5 will draw the arms toward each other in fitting association with the finger.

Formed on or otherwise secured to the right portion of the body 1 and preferably centrally thereof is a frame which includes what may be termed right angle bracket members 6 and 7 formed on and extending from the opposite sides of the body, as best shown in Figure 3, and arranged to provide parallel arm portions 8 and 9. The portion 8 is longer than the portion 9 and has disposed therein an opening to receive one end of a shaft 10, while the opposite end of the shaft is mounted in an opening in the parallel portion 9, the latter end of the shaft having a collar 11 thereon for disposal against the parallel portion 9 for fixedly securing the shaft with respect to the frame.

The portion 8 terminates in an inwardly directed right angle bent free end 12 having a notch or slot 13 extending therethrough, for the purpose of slidably receiving a stud 14 that is formed on the outer end of the tension block 15, which is provided with an opening to receive the shaft 10, for slidably mounting the block 15 on the shaft, as will be apparent upon inspection of Figure 3. The block is held under tension with respect to the parallel portion 8, through the instrumentality of a coil spring 16 that has one end convolution engaged with the block, and its opposite end convolution engageable with an adjusting nut 17 that is threaded on the shaft; therefore it will be obvious that the tension of the block can be varied through the medium of the nut.

The stud 14 projects beyond the outer end of the notch or slot 13, so as to provide an abutting portion for the thread or finger when threading the device, and it will be obvious from Figure 3, that the thread, yarn or other material can be disposed against the projecting end of the stud 14 and lowered thereby, so that the material can be disposed about the right angled free end 12 and thence between the block 15 and portion 8, where it is held under tension, yet can be readily drawn therethrough, in the course of knitting, crocheting or the like.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be

made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

5 What I claim is:

10 A finger carried thread tensioning device for use in crocheting, knitting or the like, and comprising a frame including parallel arm portions with registering openings therein, a shaft having its ends mounted in the openings and bridging the arm portions, one arm portion having an inwardly directed right angled bent free end

provided with a notch opening therethrough, a block slidably mounted on the shaft and cooperating with the latter arm portion to receive the thread between the same, a stem on the block and detachably mounted in the notch for 5 slidable movement therein, a nut threaded on the shaft, and a coil spring surrounding the shaft and engaged with the nut and the block for urging the block toward the arm portion to set up a tension against the thread. 10

WALTER E. HOCKERT.