July 2, 1935. M. R. YARGER 2,007,067

CURTAIN STRETCHER TOOL

Filed Aug. 1, 1934

Fig. 1.

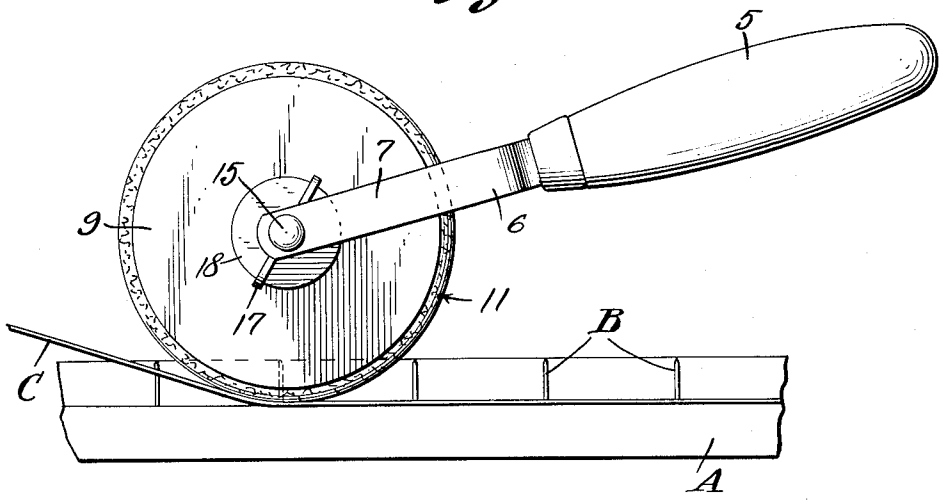


Fig. 2.

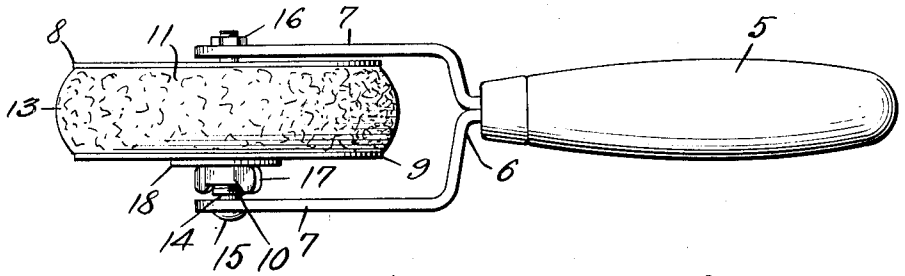
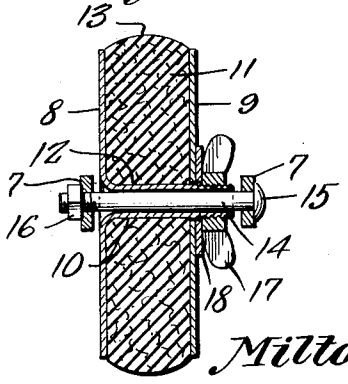


Fig. 3.



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WITNESS:

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CURTAIN STRETCHER TOOL

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Application August 1, 1934, Serial No. 738,008

1 Claim. (Cl. 81—3)

The invention relates to a tool and more especially to a curtain stretcher tool.

The primary object of the invention is the provision of a tool of this character wherein by the use of a soft rubber tread rolling element, the article to be stretched upon the stretcher can be easily and conveniently engaged with the nails of such stretcher, so as to avoid injury to a person when applying the work to the stretcher, by the pricking of the fingers in the effort to fasten the piece of work to the nails.

Another object of the invention is the provision of a tool of this character, wherein the soft or sponge rubber element is supported and adjustably held in a novel manner so that roller action can be had thereof in the use of the tool for the purpose of the fastening of a curtain or other piece of work to the nails of a curtain stretcher.

A further object of the invention is the provision of a tool of this character which is simple in construction, thoroughly reliable and efficient in its purpose, readily and easily handled, strong, durable, and inexpensive to manufacture.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described in detail, illustrated in the accompanying drawing, which discloses the preferred embodiment of the invention, and pointed out in the claim hereunto appended.

In the accompanying drawing:

Figure 1 is a fragmentary edge elevation of one carrying rail of a curtain stretcher, showing the application of the tool constructed in accordance with the invention and the same being in side elevation.

Figure 2 is a top plan view.

Figure 3 is a vertical transverse sectional view.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, A designates a portion of a rail of a curtain stretcher and B the nails or pins carried thereby for the fastening of a curtain or piece of work to be stretched in the use of the curtain stretcher, a piece of work being indicated at C.

The tool comprises a handle 5 carrying a fork 6 having the side limbs 7 in spaced parallel relation to each other. Between the limbs 7 is located a roller which will be hereinafter fully described.

The roller comprises a pair of disks 8 and 9, respectively, and said disk 9 has formed therefrom a central tubular axle sleeve 10, the disks being preferably made from sheet aluminum. Located between the disks 8 and 9 is a circular soft sponge rubber body 11 which is centrally perforated, at 12, to receive the sleeve 10 and such body 11 is adapted to be compressed by the disks to vary the width thereof, the outer periphery of said body 11 being rounded, at 13, and constituting a penetrating tread to the roller. Passed through the sleeve 10 and engaged in the side limbs 7 of the fork 6 is an axle 14, one end being formed with a head 15 and the other end carrying a nut 16 threaded thereon, so that the said axle can be made secure in the fork.

Threaded on the sleeve 10 is a winged nut 17 which plays against a loose washer 18 between it and the disk 9, and the purpose of this nut is to adjust the body 11 to vary the width thereof, the sleeve 10 being of a length greater than the body 11 and the disks 8 and 9 applied to opposite sides thereof, so that there will be no possibility of the limb 7 next to the nut 17 interfering with the said nut in the rotation of the roller when the tool is in use, because the said sleeve 10 maintains the roller at that side of the nut 17 sufficiently spaced from the limb 7 next to the nut for the free rotation of the roller.

In the use of the tool, the work or article to be stretched, as indicated at C, is placed to confront the nails B on the rail A of the stretcher and thereafter the roller is brought into contact to force the work or article C onto the nails B and in this action these nails will successively penetrate the rubber body 11; so that the article or work can be made secure to the nails for the stretching of such work or article. This tool in its use eliminates the necessity of forcing the work or article to be stretched onto the nails by hand, which results in the pricking of the fingers or other injury thereto.

What is claimed is:

A tool of the character described comprising a sponge rubber circular-shaped body, disks at opposite sides thereof, a sleeve formed centrally with one of said disks and loosely receiving the other disk at the center of the same, a handle having a fork receiving the disks and body, an axle carried by the fork and received by the sleeve, and means adjustable on the sleeve to operate upon one of the disks for compressing the rubber body to vary the width thereof.

MILTON R. YARGER.