

10. PREPARING TO SEW

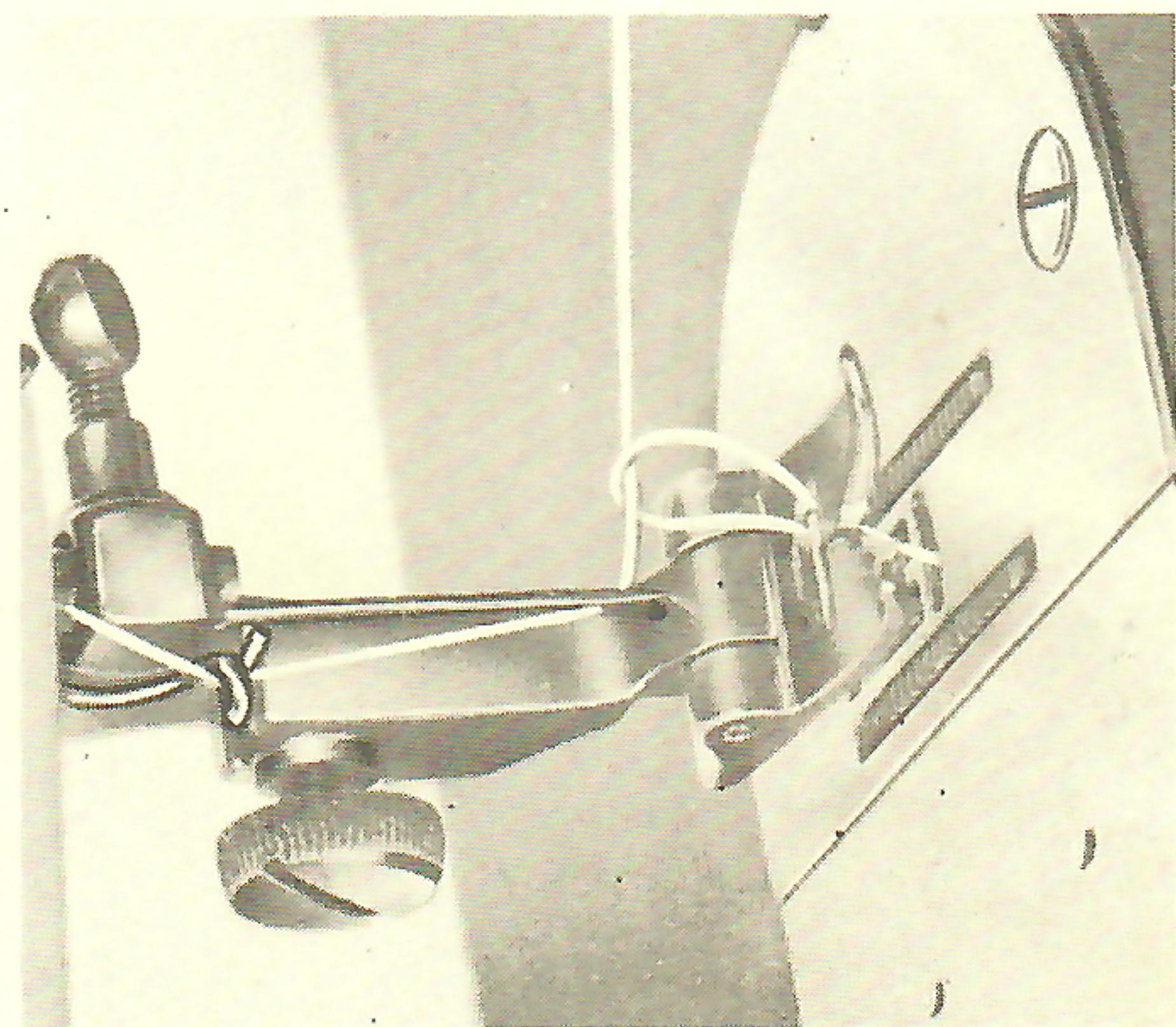


Fig. 18

1. Hold the loose end of the needle thread in your left hand, and turn the fly wheel toward you by hand until the needle moves down through the needle plate and up again to its highest position. Pull the needle thread gently, and the bobbin thread will come up with it through the hole in the needle plate. Then place both ends of the thread back between the toes of the presser foot.

NOTE: If the bobbin thread does not rise, check to see if there is at least 3 or 4 inches of bobbin thread hanging loosely from the bobbin case.
2. Pull the two threads at least 5 inches behind the presser foot. Place material under presser foot, and lower the foot with the presser bar lifter. Regulate the stitch to the desired size and sew.

TO REMOVE MATERIAL, raise the needle to its highest position and raise the foot with the presser bar lifter, then pull the fabric back and to the left. Cut the thread with the thread cutter behind presser bar, leaving a few inches of thread behind the presser foot.

11. ADJUSTING UPPER THREAD TENSION

The correct stitch can usually be obtained by varying the upper thread tension.
NOTE: TENSION ADJUSTMENT SHOULD BE MADE WITH THE PRESSER FOOT DOWN.

To increase the tension, turn the tension dial clockwise (Fig. 20). To decrease the tension, turn the tension dial counter clockwise (Fig. 20). When the tension is properly adjusted, the upper and lower threads will cross in the center of the material (Fig. 21-A).

When the upper thread tension is too loose, the lower thread will lay flat along the top of the material (Fig. 21-B).

When the upper thread tension is too tight, the upper thread will lay flat along the bottom of the material (Fig. 21-C).

The tension should be adjusted little by little until the desired tension is obtained.

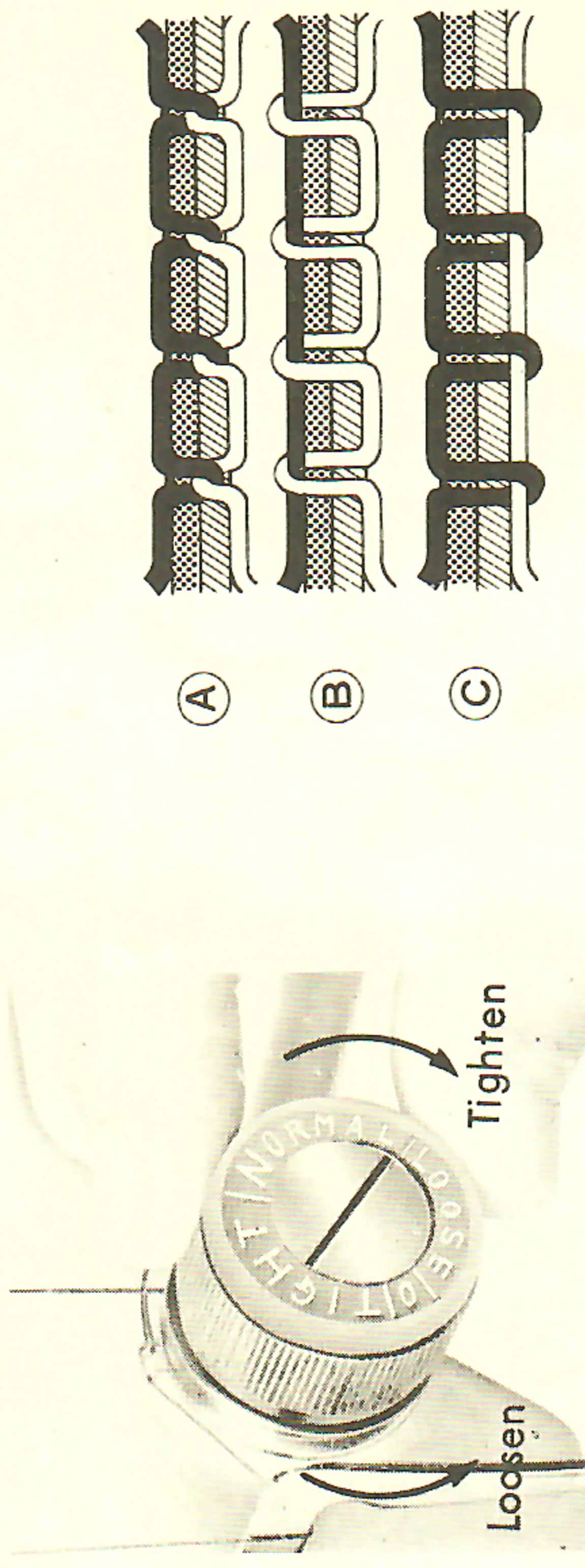


Fig. 20

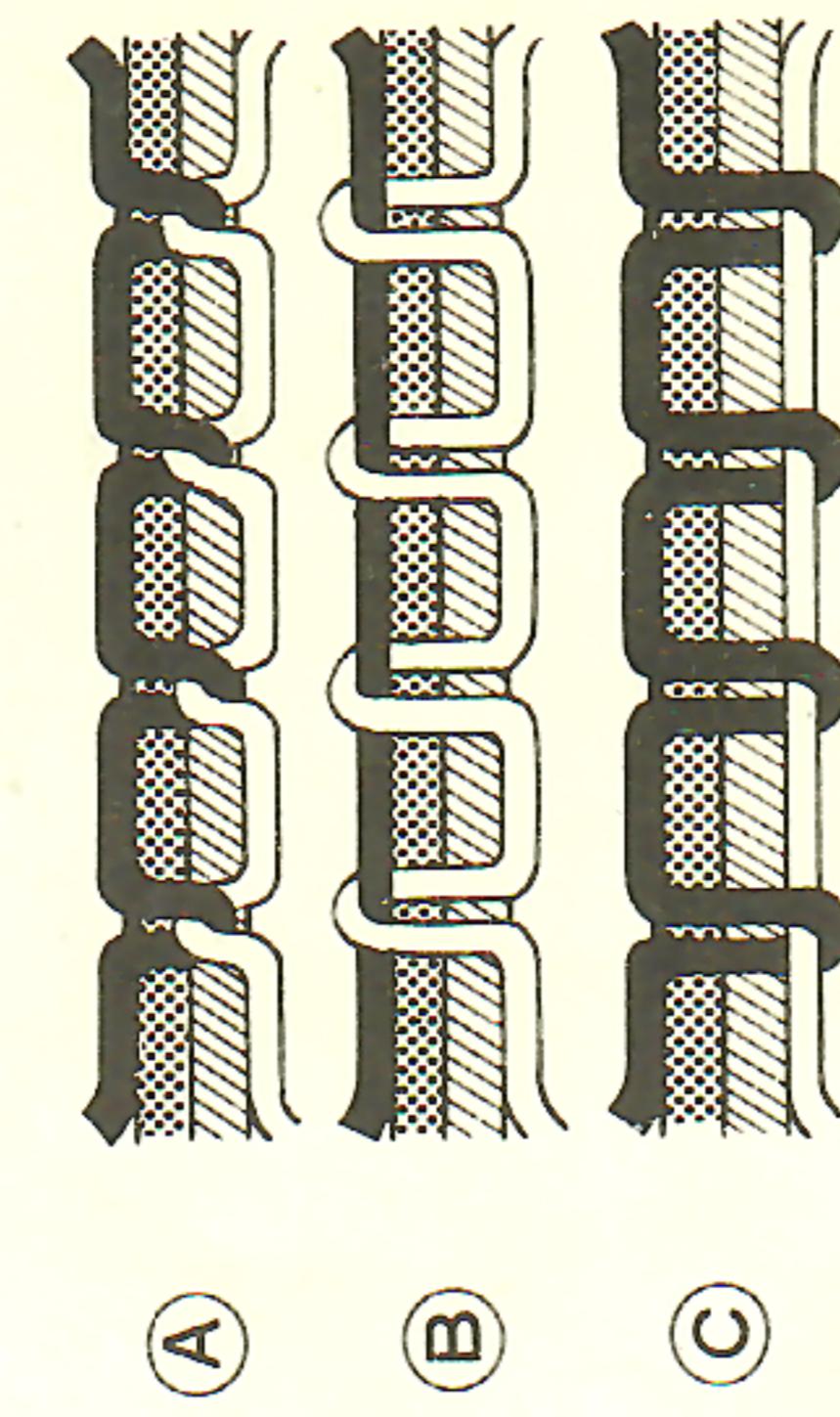


Fig. 21

12. ADJUSTING BOBBIN THREAD TENSION

1. The bobbin thread tension on your machine is correctly adjusted before leaving the factory. Therefore, it is seldom necessary to alter the bobbin thread tension. Should it become necessary to do so, the adjusting screw of the tension spring on the outside of the bobbin case can be tightened or loosened to increase or decrease the tension of the bobbin thread.

2. To increase the bobbin thread tension, turn the adjusting screw clockwise. To decrease tension of the bobbin thread, turn the adjusting screw counter clockwise.

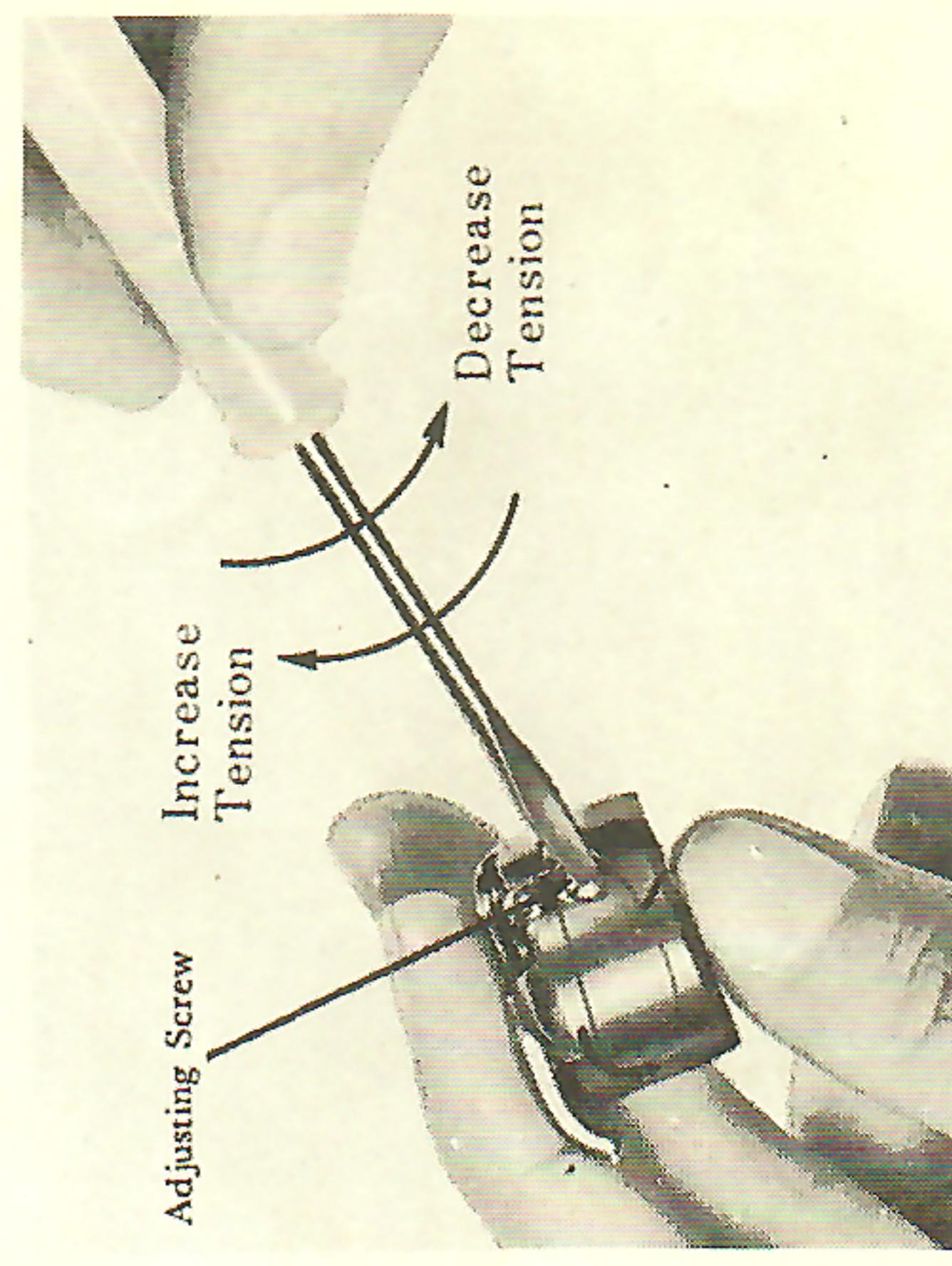


Fig. 22

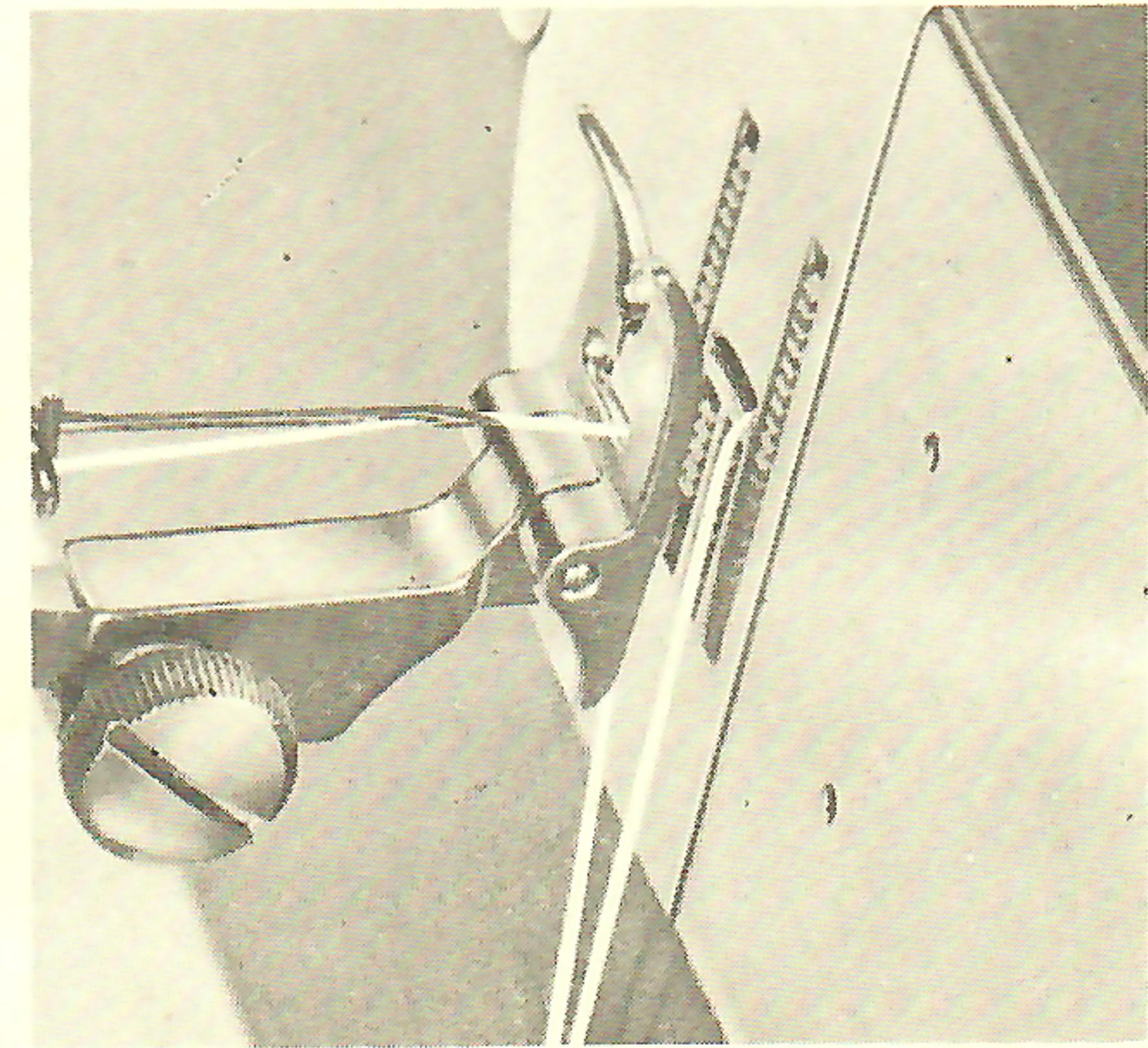


Fig. 19