

### 13. ADJUSTING FABRIC FEEDERS

By using the push buttons you can adjust the fabric feeders for sewing different types of materials and other special sewing, such as embroidery or darning.

1. For ordinary sewing, press "UP" button all the way down. (This raises the fabric feeders to the up position)
2. For sewing very light fabrics, press "DOWN" button half way down so that the center line of the "UP" button appears on the plate.
3. To lower the fabric feeders below the surface of the needle plate, press the "DOWN" button all the way down. The fabric feeders are now in the down position, and you will be able to move your material freely in any direction, such as when you desire to embroider or darn. When embroidery and darning, remove the presser foot and use an embroidery hoop.

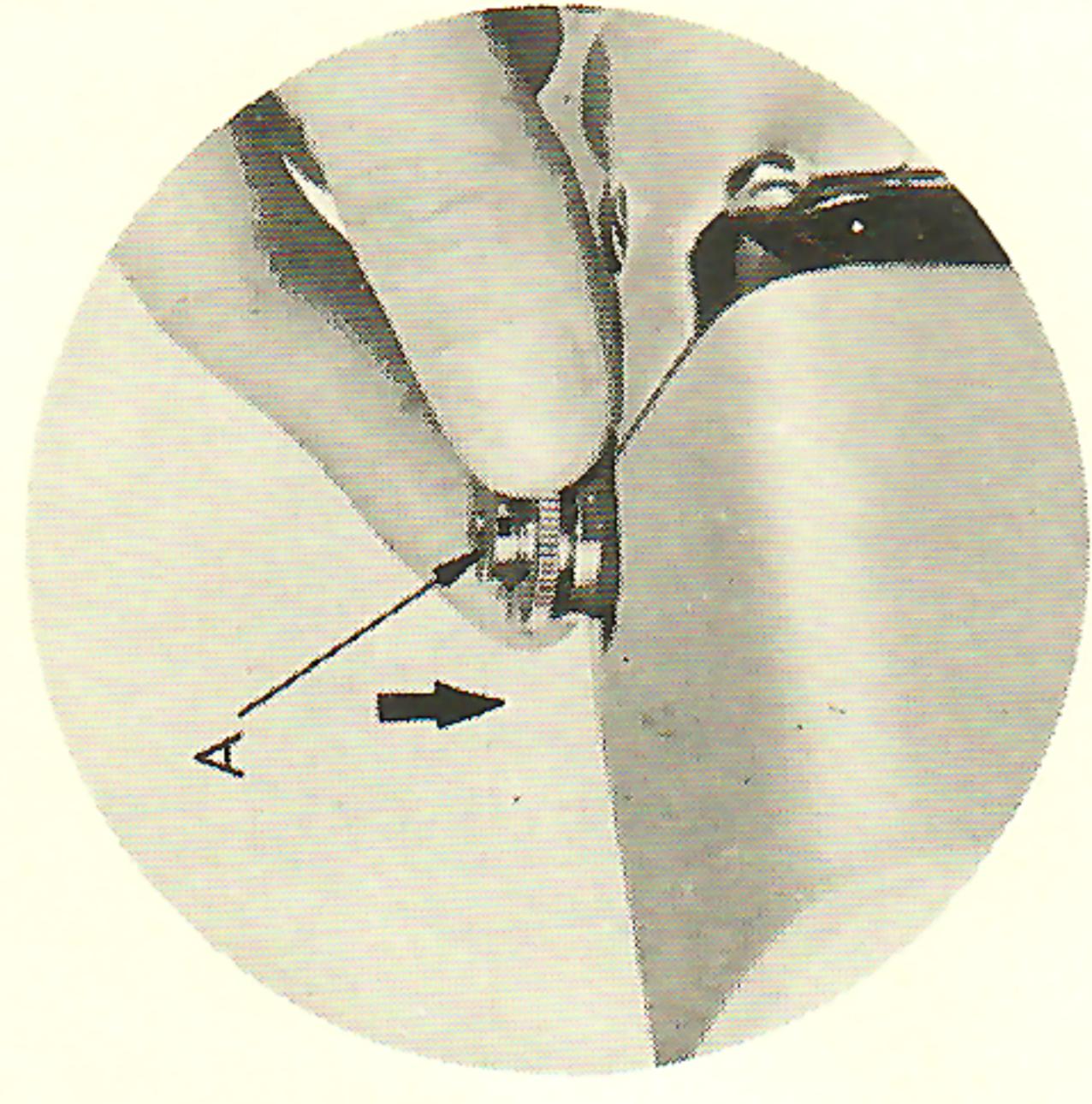


Fig. 25

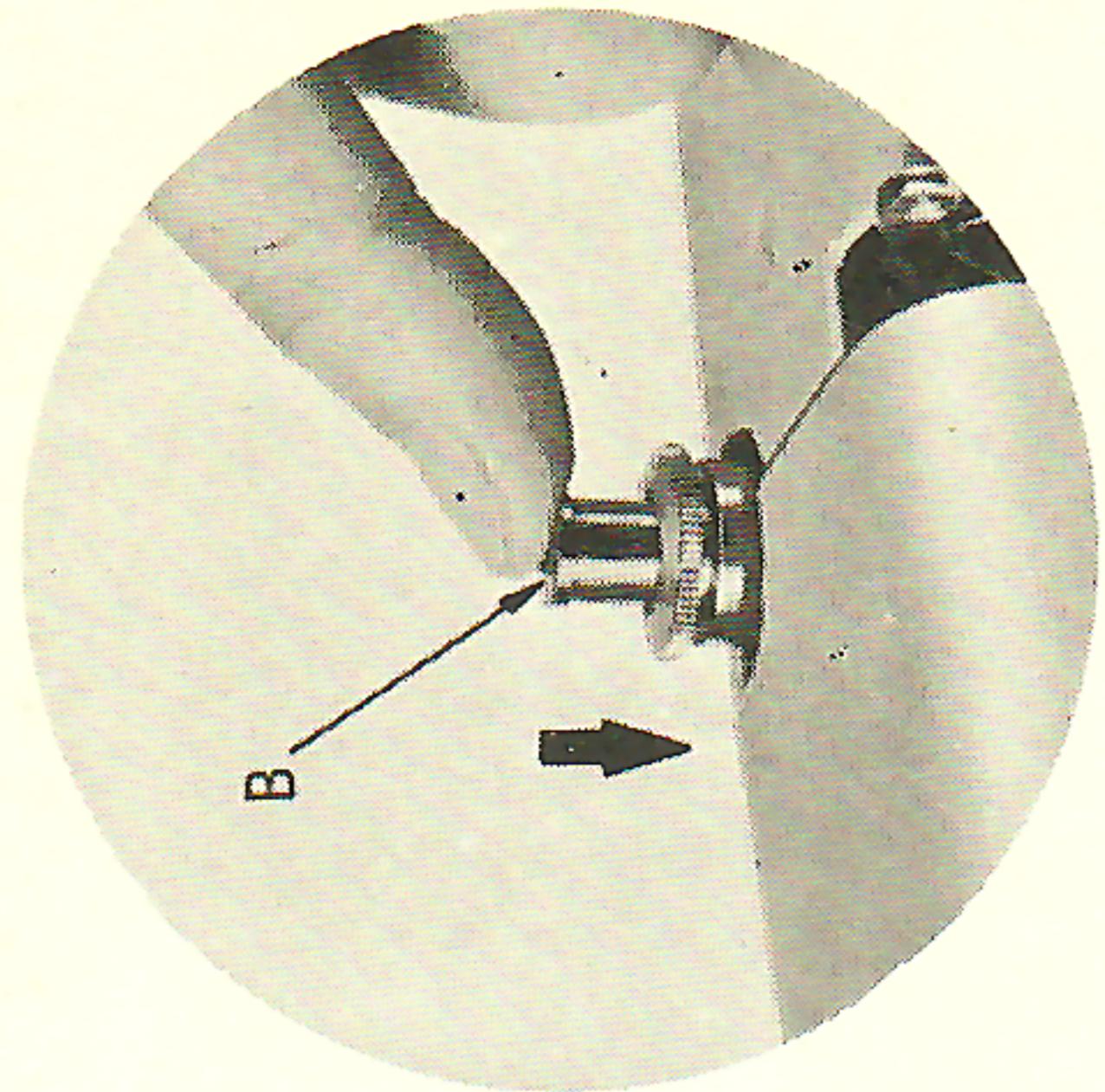
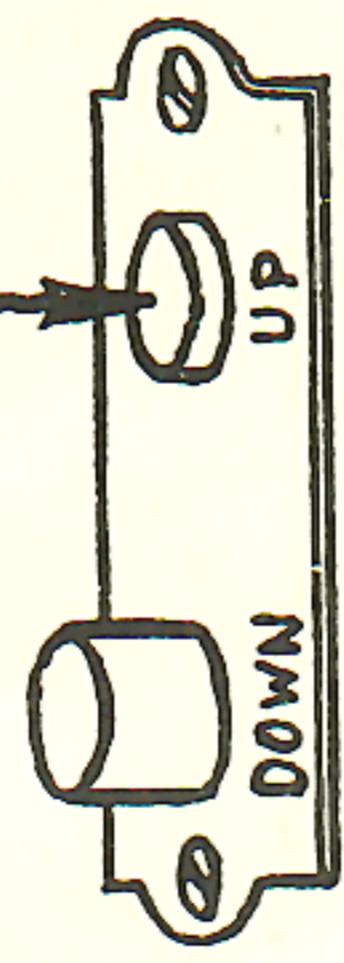
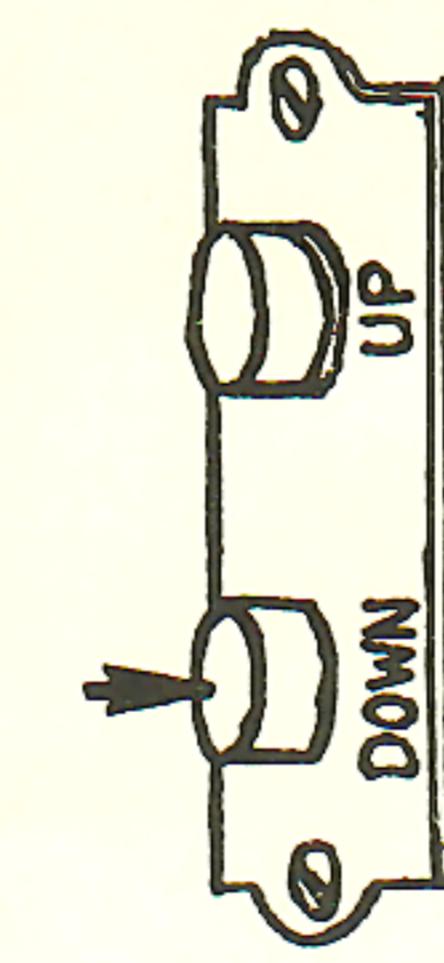


Fig. 26

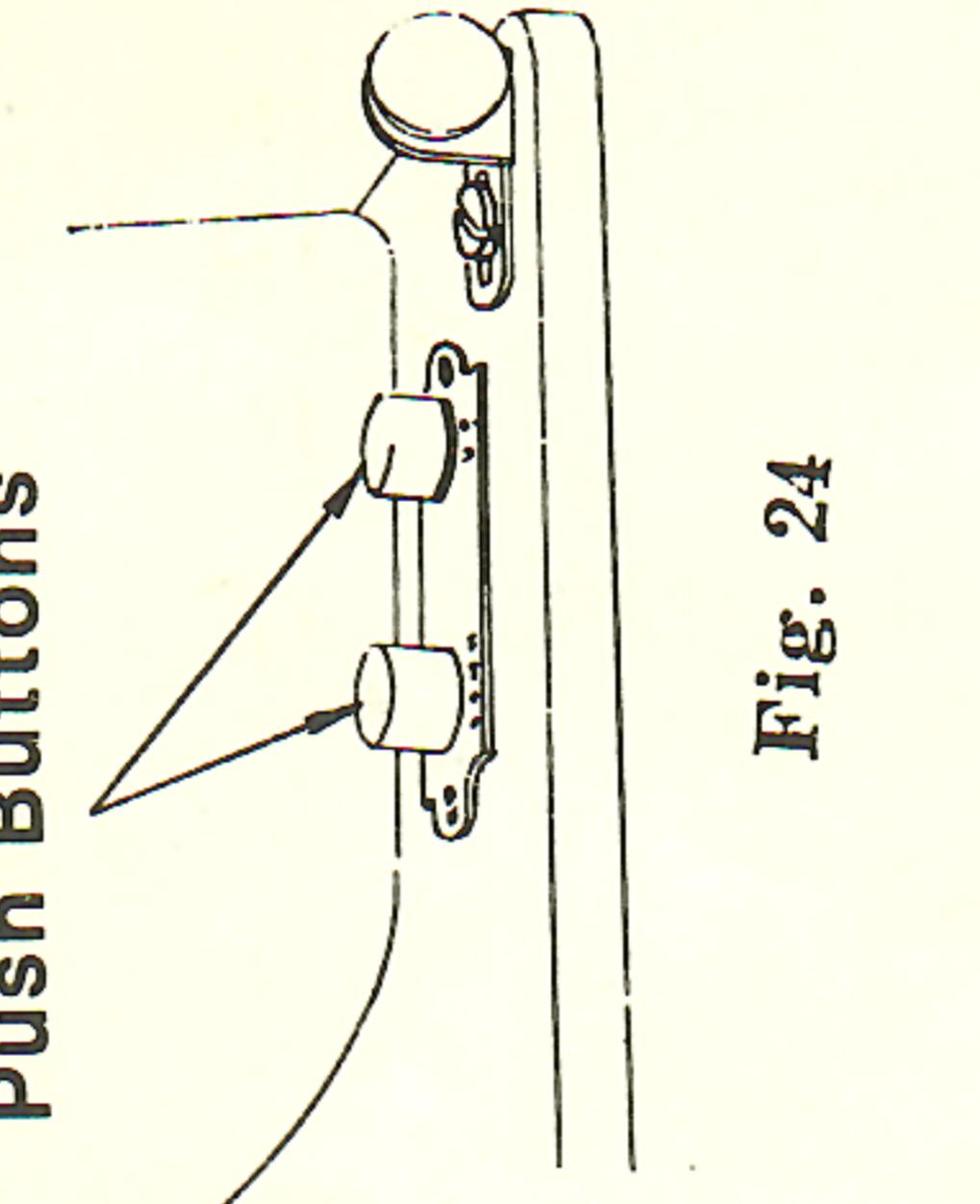
### 15. REGULATING STITCH LENGTH



"UP" Position  
Normal Fabrics

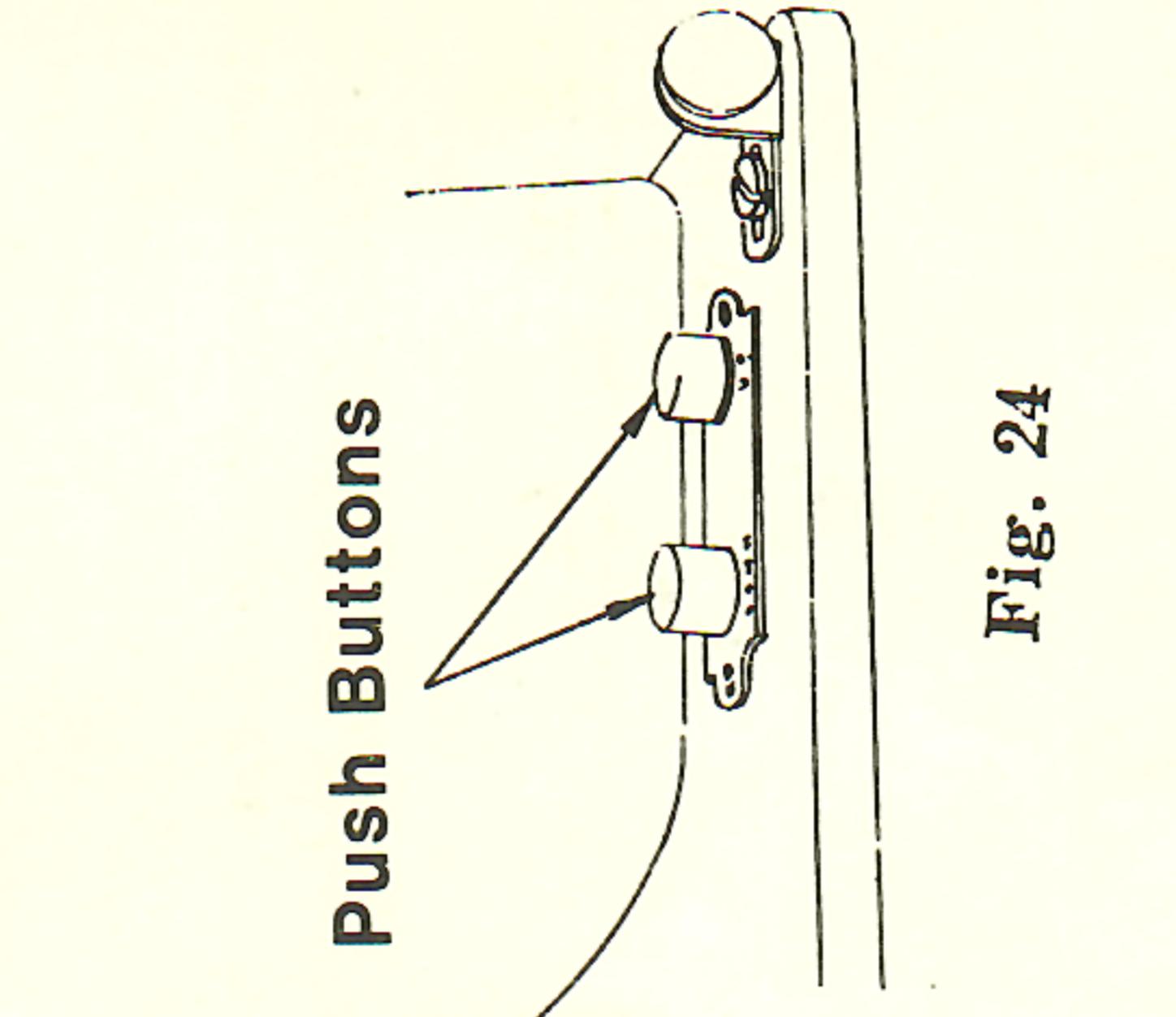


"DOWN" Position  
Embroidering & Darning



"MEDIUM" Position

Lightweight Fabrics



Push Buttons

#### SEWING FORWARD:

According to the required length of stitch, set the mark (C) of stitch under optional number (B) by turning the dial (A) clockwise.

#### SEWING BACKWARD:

Push the "R" button to the maximum. You can make a reverse stitch. When you release the button, the machine comes back to make a forward stitch. If a different length of stitch is required, set first the indicator on the required figure and then push the button.

**CAUTION:** When the mark (C) of stitch is set on the number "O", neither forward nor backward stitch can be made. This will cause the machine to break the thread.

### 14. ADJUSTING PRESSURE OF THE PRESSER FOOT

1. To release the pressure on the material, press down on the curled ring (A). (This will allow the built-in darning (B) to raise, thus releasing the pressure on the material.)

2. To increase the pressure on the material, press down on the built-in darning (B).

**NOTE :** The built-in darning will stop at any position you desire.

3. For normal sewing, push built-in darning all the way down.

4. For darning and embroidery, release the built-in darning.

- CAUTION :** Even though the presser foot is removed, make sure the presser bar lifter is in the down position.
5. Adjust the built-in darning to the proper position according to the thickness of the material you are using.



Fig. 28

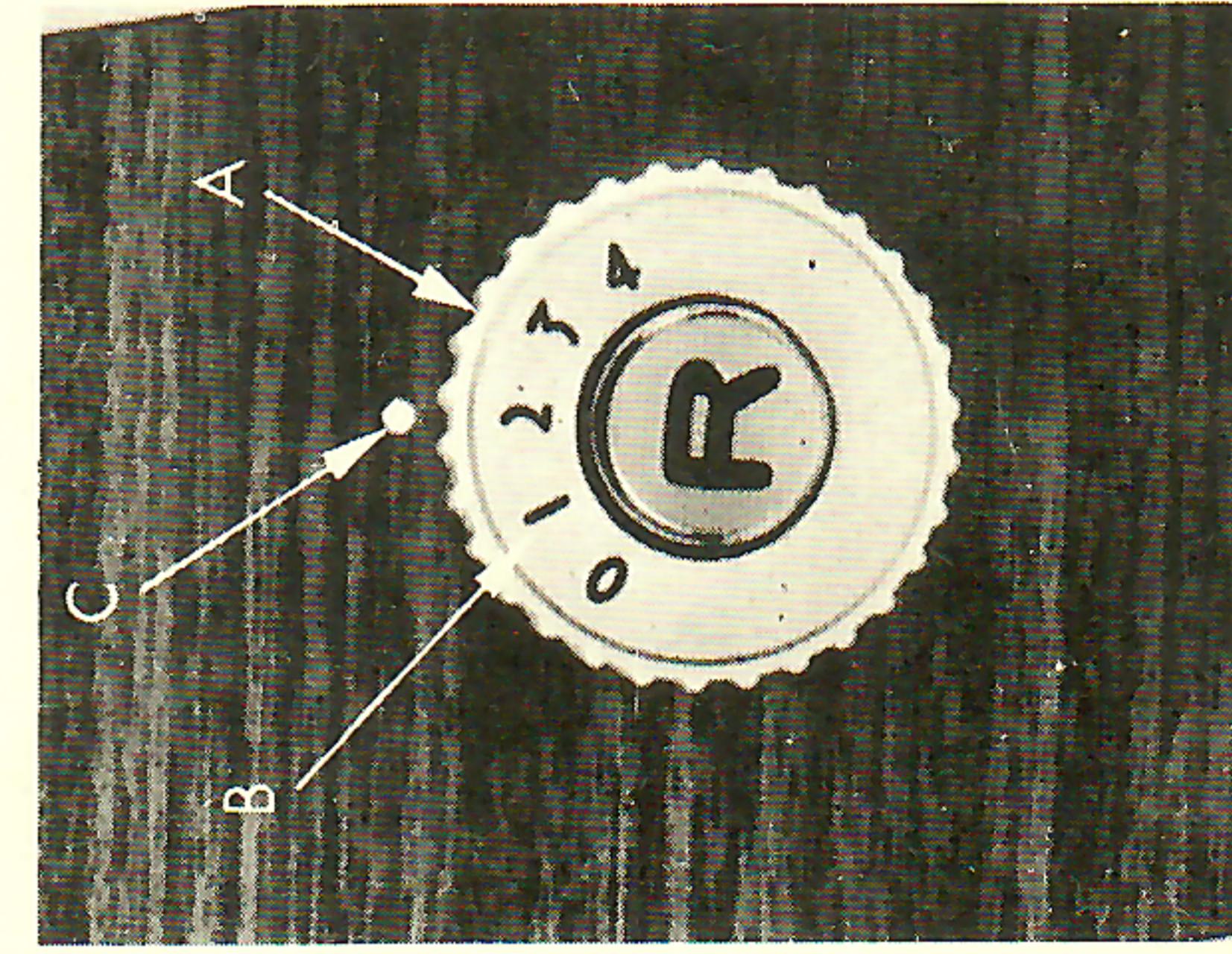


Fig. 27