

Oct. 11, 1932.

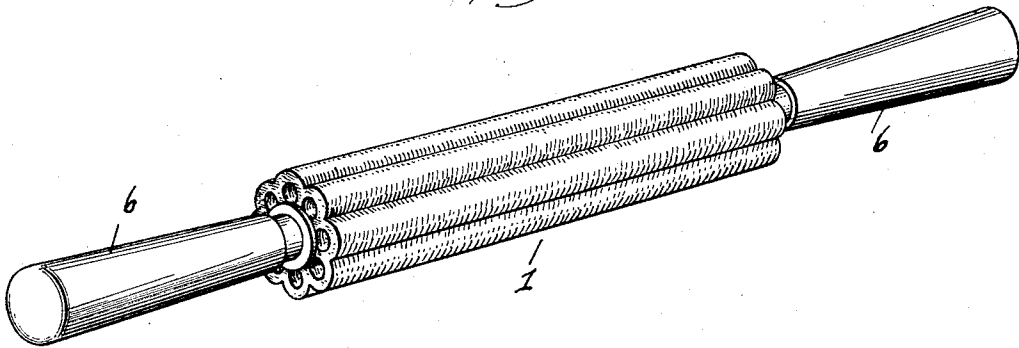
S. FALCK

1,882,490

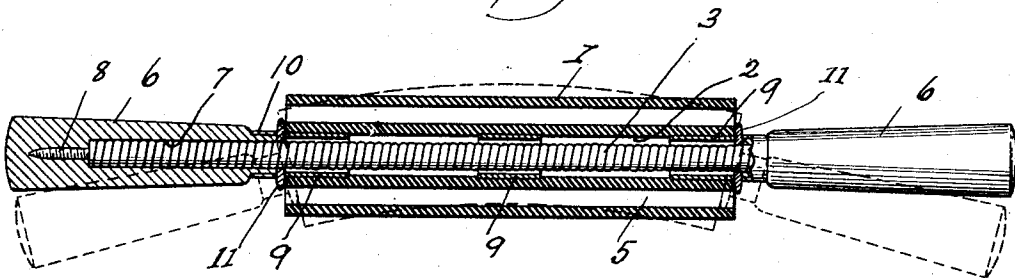
MESSAGE ROLLER

Filed July 15, 1930

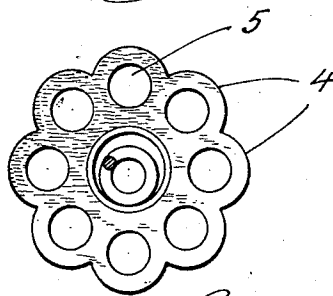
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Inventor  
*Siri Falck*  
By her Attorney  
*Frederick S. Barker*

# UNITED STATES PATENT OFFICE

SIRI FALCK, OF STOCKHOLM, SWEDEN

## MASSAGE ROLLER

Application filed July 15, 1930. Serial No. 468,000.

This invention relates to massage rollers and my improvements are directed to a device of this character wherein the roller is of considerable length and is composed of resilient material such as soft rubber, so that it may yield to conform with contours of the body while being rolled thereover. Also the roller is provided with a flexible core, and handles are attached to the respective ends of said core for two-handed manipulation of the roller in the massaging operation.

Other features and advantages of my invention will hereinafter appear.

In the drawing:

Figure 1 is a perspective view of my improved massage roller.

Fig. 2 is a longitudinal section thereof, the dotted lines showing the roller in a state of flexure; and

Fig. 3 is an end view of the roller.

In said views let 1 indicate the roller which is composed of resilient material, said roller being provided with a central bore 2 to receive a shaft or core 3.

The peripheral surface of the roller is serrated or provided with rounded ribs 4 that extend throughout the length of the roller, thereby enhancing its efficiency in service. This feature is disclosed in my earlier patent No. 1,671,019, as also is the plurality of longitudinal cavities 5 in the roller that add to its resiliency.

In the present invention the shaft or core 3 is composed of flexible material, here illustrated as a coil of stiff spring wire, the length of this flexible shaft being greater than the length of roller 1, so that the ends of the shaft will be extended beyond the respective ends of the roller. Handles 6, having sockets 7 are fitted thereby respectively over the projecting ends of the flexible shaft, and are suitably secured thereto. In the example shown the flexible shaft ends have terminal screws 8 attached thereto to engage in the material of the handles.

A number of sleeve-like bushings 9 are fitted within the bore 2 of the roller, to serve as bearings for the flexible shaft, thereby enabling the roller to rotate freely upon the shaft, without interfering with the flexing of the roller.

Fitting around reduced inward portions of the handles are ferrules 10, and washers 11 are placed between said ferrules and the respective ends of the roller.

In the operation of this massage roller the user grasps both handles and bears upon the body part to be massaged with the roller, rolling the latter to and fro with sufficient pressure, whereby the roller is caused to flex in making contact with curved body surfaces undergoing treatment.

Variations within the spirit and scope of my invention are equally comprehended by the foregoing disclosure.

I claim:

1. In combination, an elongated massage roller, composed of continuous material that is capable of flexure, said roller having a central bore, a flexible shaft loosely placed within said bore and having projecting ends, handles secured to said projecting ends, and relatively short bushings fitted within said bore to form bearings for said shaft.

2. In combination, an elongated massage roller, composed of continuous material that is capable of flexure, said roller having a central bore, a flexible shaft loosely placed within said bore and having projecting ends, handles secured to said projecting ends, relatively short bushings fitted within said bore to form bearings for said shaft, ferrules engaging reduced inner ends of said handles, and washers lying between said ferrules and the roller ends.

Stockholm, Sweden, June 28, 1930.

SIRI FALCK.