May 6, 1930. W. H. CHAPIN 1,757,004

MASSAGING APPARATUS

Filed Nov. 26, 1928

Fig. 1.

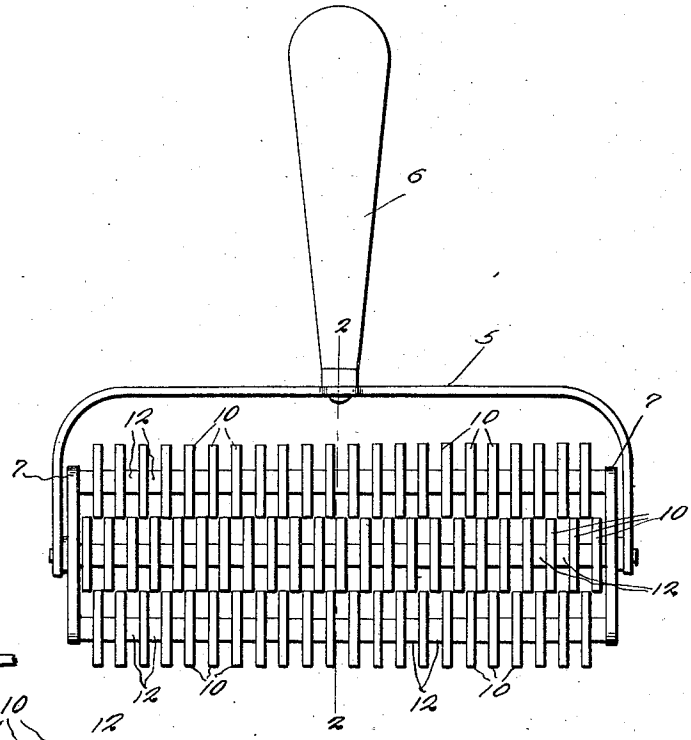


Fig. 3.

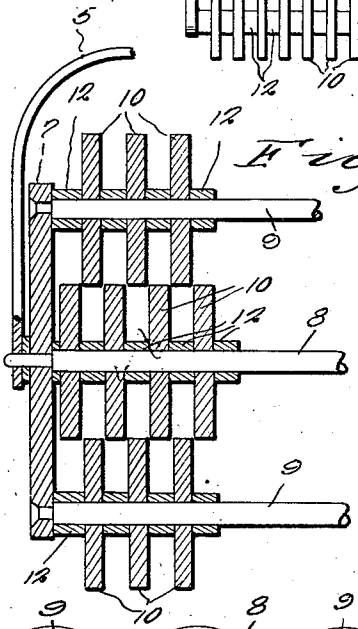


Fig. 4.

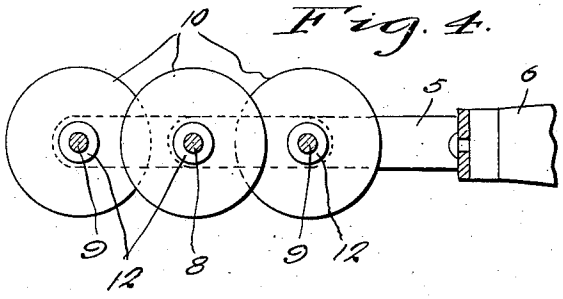
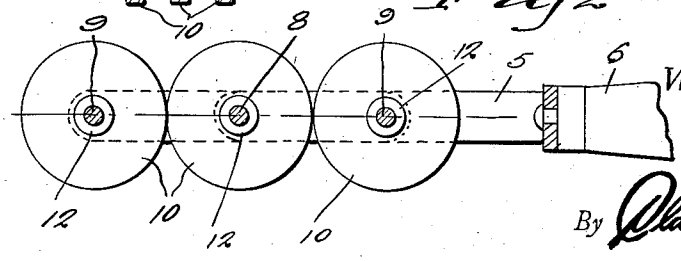


Fig 2



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UNITED STATES PATENT OFFICE

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MASSAGING APPARATUS

Application filed November 26, 1928. Serial No. 322,041.

The present invention relates to a massaging apparatus and has for its prime object to provide a structure for massaging the body by a rolling process.

Another very important object of the invention resides in the provision of an apparatus of this nature which includes a plurality of series of disks mounted on spaced parallel axes in a frame and a bail for rotatably receiving the frame.

A still further very important object of the invention resides in the provision of a massaging apparatus of this nature which is exceedingly simple in construction, inexpensive to manufacture, strong and durable, easy to manipulate, affording exercise in its use, and thoroughly efficient and reliable.

With the above and numerous other objects in view as will appear as the description proceeds, the invention resides in certain novel features of construction and in the combination and arrangement of parts as will be hereinafter more fully described and claimed.

In the drawing:

Figure 1 is a plan view of the massaging apparatus embodying the features of my invention,

Figure 2 is a sectional view therethrough taken substantially on the line 2—2 of Figure 1,

Figure 3 is an enlarged detail sectional view through one end of the apparatus, and

Figure 4 is a detail sectional view similar to Figure 2 showing another embodiment of the invention.

Referring to the drawing in detail it will be seen that the numeral 5 denotes a U-shaped bail or frame from the center of which projects a handle 6 fixed thereto in any suitable or preferred manner.

Numerals 7 denote a pair of bars. A shaft 8 has reduced ends journaled through the centers of the bars 7 and journaled through the extremity of the bail 5. Shafts 9 are journaled between the ends of the bar 7. A plurality of disks 10 are journaled on the shafts 8 and 9 being disposed in spaced relation to one another by washers 12.

The disk 10 on the shafts 9 are staggered in relation to the disks 10 on the shafts 8. In Figure 4 I have shown the disks of the shafts 8 slightly overlapping the disks of the shafts 9.

It will thus be seen that the unit including the disks and the shafts 8 and 9 and the arms 7 may revolve in the bail 5 and the disks may revolve about their respective shafts. The disks may be made of rubber, bone or suitable material.

In using this apparatus the disks are rolled over the part of the body which it is desired to massage for reducing or for bringing about a healthy condition by inciting the circulation of blood and a person in massaging himself also attains considerable exercise as will be apparent.

It will further be seen that the apparatus is simple therefore may be manufactured at a low cost. There is nothing about the apparatus to get out of order and it will, therefore, operate efficiently and in a reliable manner.

It is thought that the construction, operation, utility and advantages of this invention will now be quite apparent to those skilled in this art without a more detailed description thereof.

The present embodiment of the invention has been disclosed in considerable detail merely for the purposes of exemplification since in actual practice it attains the features of advantage enumerated as desirable in the statement of the invention and the above description.

It will be apparent that changes in the details of construction, and in the combination and arrangement of parts may be resorted to without departing from the spirit or scope of the invention as hereinafter claimed or sacrificing any of its advantages.

Having thus described my invention, what I claim as new is:

1. A massaging apparatus of the class described including a bail, a frame rockable in the bail including a pair of bars and three shafts journaled transversely between the bars, the center shaft being journaled in the ends of the bail for pivotally mounting the frame therein, a plurality of disks, on each shaft.

2. A massaging apparatus of the class described including a bail, a frame rockable in the bail including a pair of bars and three shafts journaled transversely between the bars, the center shaft being journaled in the ends of the bail for pivotally mounting the frame therein, a plurality of independently rotatable spaced disks, on each shaft, means for spacing the disks on the shaft comprising annular washers interposed therebetween on the shaft.

3. A massaging apparatus of the class described including a bail, a frame rockable in the bail including a pair of bars and three shafts journaled transversely between the bars, the center shaft being journaled in the ends of the bail for pivotally supporting the frame therein, a plurality of independently rotatable spaced disks, on each shaft, means for spacing the disks on the shaft, the disks of the center shaft being staggered in relation to the disks of the other two shafts.

4. A massaging apparatus of the class described including a bail, a frame rockable in the bail including a pair of bars and three shafts journaled transversely between the bars in a horizontal plane, the center shaft being journaled in the ends of the bail for pivotally mounting the frame therein, a plurality of independently rotatable spaced disks, on each shaft, means for spacing the disks on the shaft comprising annular washers mounted on the shafts, the disks of the center shaft being staggered in relation to the disks of the other two shafts, and overlapping said disks of the other two shafts.

In testimony whereof I affix my signature.

WILLIAM H. CHAPIN.