

No. 718,170.

PATENTED JAN. 13, 1903.

M. A. SULLIVAN.
MASSAGE IMPLEMENT.
APPLICATION FILED MAY 1, 1901.

NO MODEL.

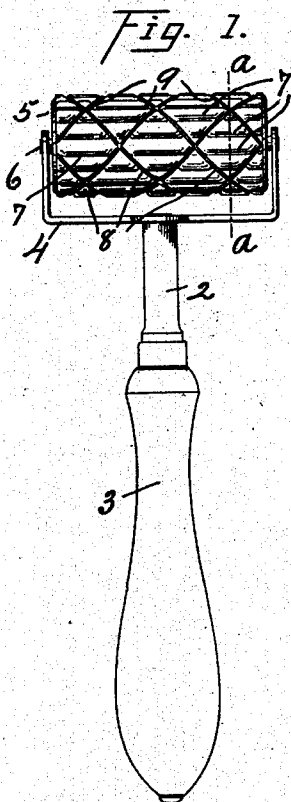
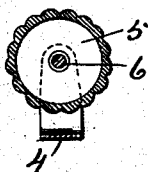


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

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MASSAGE IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 718,170, dated January 13, 1903.

Application filed May 1, 1901. Serial No. 58,248. (No model.)

To all whom it may concern:

Be it known that I, MARY A. SULLIVAN, a citizen of the United States, and a resident of New York, Manhattan borough, in the county and State of New York, have invented certain new and useful Improvements in Massage Implements, which improvements are fully set forth in the following specification and accompanying drawings, and in the latter—

Figure 1 is an elevation view of a massage implement embodying my said improvements. Fig. 2 is a side elevation thereof. Fig. 3 is a cross-section as on the line *a a* of Fig. 1.

Similar reference-numerals denote like parts throughout the respective views of the drawings.

This invention relates to improvements in devices of that class designed for service in kneading or manipulating the face, arms, shoulders, and other portions of individuals and commonly known as "massage implements."

The object of this invention is to provide a device of the character indicated which shall be simple, inexpensive, and novel as regards construction, which shall embody a peculiarly-formed operating part adapted to be held firmly in engagement with various portions of the person in service, which shall be durable and efficient in operation, and which shall possess certain well-defined advantages over prior analogous constructions.

The invention consists in the employment of certain parts novel in the matter of form, in the novel disposition and arrangement of the various parts, in certain combinations, and in certain details of construction, all of which will be specifically referred to hereinafter, and set forth in the appended claims.

Having reference to the accompanying drawings, 2 denotes a shank provided at one end with a handle 3 and at its opposite end with a yoke 4, between the parallel members of which there is mounted to freely rotate an operating drum or cylinder 5. This cylinder is here shown as firmly mounted on the shaft 6, journaled to rotate in the respective parallel members of the yoke 3. Naturally the shaft 6 could be fixed as regards the parallel members of the yoke 3 and the drum mounted to freely rotate thereon.

The drum 5 is provided with a roughened

peripheral surface, as indicated by the numeral 7. This roughening of the peripheral surface of the drum 5 is produced by providing the same with a plurality of longitudinal depressions or corrugations. The drum 5 is provided with a plurality of spiral corrugations 8 and 9, those represented by 8 traversing the drum 5 spirally in one direction and those represented by the numeral 9 traversing said drum in the opposite direction, as clearly indicated in Fig. 1 of the drawings. Where the drum 5 is thus roughened and corrugated it produces, when held firmly in contact with and rolled directly upon the face, arms, shoulders, and other parts of a person, stimulating and extremely beneficial results.

The roughened surface of the roller 5, taken in connection with the spiral corrugations thereof running therealong in opposite directions, tends to manipulate and act upon the cuticle in a manner to stimulate the circulation of the blood thereat.

The operation of the device will be clearly understood from the foregoing description, it being only necessary to state that the user grasps the handle 2, holds the roller under a degree of pressure in contact with the part of the person to be treated, and moves the device as a whole to and fro in a manner to cause the roller 5 to rotate.

It will be seen that my improved massage implement is particularly well adapted for the purpose for which it is designed and also that the same may be modified to some extent without material departure from the spirit and principle of my invention.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

A device of the class herein described, comprising a shank, a clip attached to said shank at one end thereof, and a drum mounted to rotate intermediate of the parallel members of said clip, the said drum being provided with corrugations traversing said drum spirally in opposite directions, and those running in one direction intersecting those running in the opposite direction.

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Witnesses:

ALBERT C. TANNER,
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