Oct. 11, 1932. N. N. SCHROEDER 1,882,370

FACE MASSAGING INSTRUMENT

Filed Nov 8, 1930

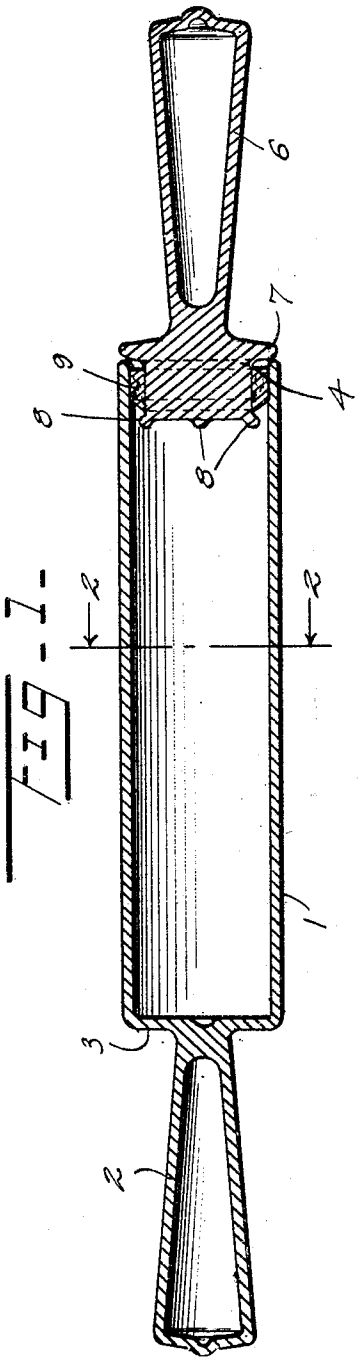


Fig. 1.

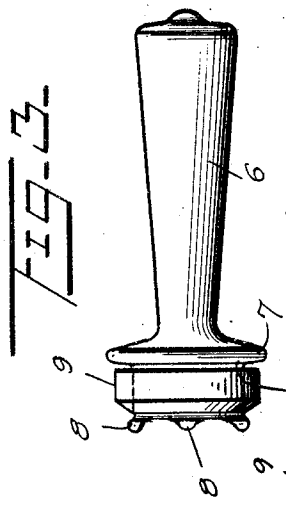


Fig. 3.

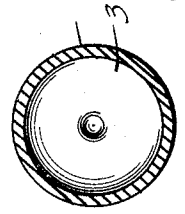


Fig. 2.

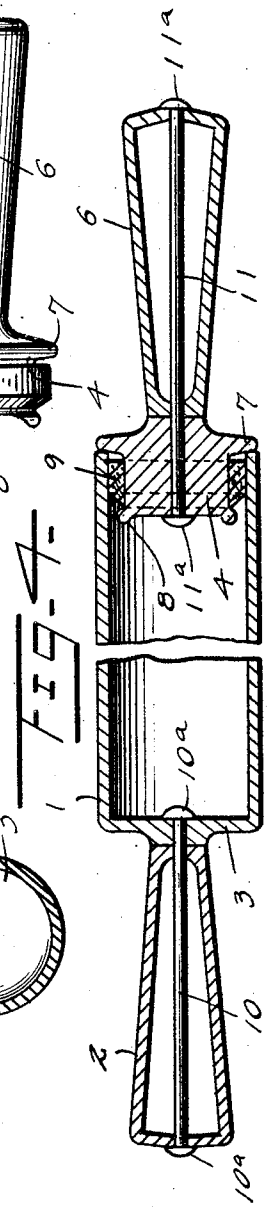


Fig. 4.

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UNITED STATES PATENT OFFICE

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FACE MASSAGING INSTRUMENT

Application filed November 8, 1930. Serial No. 494,370.

This invention relates to an instrument adapted to be used for the purpose of beautifying the face, and has for one of its objects to provide a novel, simple and inexpensive instrument of this character, and which shall be adapted to be as readily manipulated by the person whose face is to be beautified as well as by an attendant so as to permit its use in the privacy of a home as well as in beauty parlors.

To attain the foregoing and other objects, the invention comprehends the provision of an instrument of the character stated which shall embody a hollow roller adapted to be filled with ice and terminally provided with handles.

The invention further comprehends the provision of an instrument of the character stated wherein the roller shall have one end open and the other closed, wherein one of the handles shall be secured to the closed end of the roller, and wherein the other handle shall be provided with a closure for the open end of the roller and adapted to removably secure such handle to such end of the roller.

The invention is hereinafter more fully described and claimed, and illustrated in the accompanying drawing, wherein:—

Figure 1 is a sectional view taken on a plane extending centrally and longitudinally through the massaging instrument.

Figure 2 is a sectional view taken on a plane extending transversely through the roller portion of the massaging instrument,

Figure 3 is a detail view in side elevation of the combined stopper and removable handle of the massaging instrument, and

Figure 4 is a view similar to Figure 1 of a slightly modified form of the massaging instrument.

The massaging instrument comprises a roller 1 which is fully closed at one end and fully open at the other, the cylindrical and end walls of the rollers being imperforate. A handle 2 is formed integrally with and extends longitudinally from the end wall 3 of the roller 1. A stopper 4 is removably positioned in the open end 5 of the roller 1, and a handle 6 is formed integrally with and extends longitudinally from the stopper. All of these parts may be formed from glass or any other suitable material.

The stopper 4 is of solid cylindrical formation and is smaller diametrically than the inner diameter of the roller 1. It is provided at its outer side with an annular shoulder 7 which is larger diametrically than the inner diameter of the roller 1, and it is provided at its inner side with lugs 8 which extend inwardly and outwardly beyond the lateral side thereof. A washer 9, which may be made from cork or any other suitable material, is positioned upon the stopper 4 between the shoulder 7 and lugs 8, and is held by the shoulder and lugs against accidental displacement from the stopper while the latter is being inserted in or removed from the open end 5 of the roller 1. The washer 9 is of considerable thickness and has a snug fit in the open end 5 of the roller 1, to the end that it may establish a liquid tank connection between the stopper 4 and the roller and to the end that it may hold the stopper against accidental withdrawal from the roller and hold it and the handle 6 carried thereby against any tilting or rocking movement with respect to the roller when the massaging instrument is in use.

The handles 2 and 6 are arranged with their longitudinal axes in alinement with each other and with the corresponding axis of the roller 1, and they are preferably made of hollow formation and for the sake of lightness. The handles 2 and 6 are of circular formation in cross section and gradually increase in diameter from their inner to their outer ends, to permit them to be comfortably gripped and to prevent the hands from slipping therefrom while the massaging instrument is being used. The handle 6 is connected to the stopper 4 in order that the stopper may be provided with means through the medium of which it may be easily and quickly inserted or withdrawn from the opening 5 of the roller 1.

In practice, the roller is filled with crushed ice, and is rolled over the face under the pressure necessary to effect the reduction of the surplus flesh of the face. The imperforate

walls of the roller and the stopper preventing the escape from the roller of the water accumulating therein as the result of the melting of the ice.

The handle 2 may be connected to the closed end of the roller 1, and the handle 6 may be connected to the stopper 4, in a manner to permit the roller to rotate with respect to the handles while the instrument is being used. To attain this end, the handle 2 is connected to the end wall 3 of the roller 1 by a spindle 10, and the handle 6 is connected to the stopper 4 by a spindle 11, as shown in Figure 4. The spindle 10 passes axially through the roller wall 3 and the handle 2, and the ends thereof are upset to provide heads 10*a* which serve to secure the handle and spindle to the roller 1.

The spindle 11 extends axially through the stopper 4 and handle 6, and the ends thereof are upset to provide heads 11*a* which serve to secure the handle and spindle to the stopper.

While I have described the principle of the invention, together with the structures, which I now consider the preferred embodiment thereof, it is to be understood that the structures shown are merely illustrative and that such changes may be made, when desired, as fall within the scope of the invention as claimed.

What is claimed is:—

1. A massaging instrument comprising a hollow roller open at one end and closed at the other, a handle extending longitudinally from the closed end of the roller, a cylindrical stopper for the open end of the roller and provided at its outer side with an annular shoulder and at its inner side with lugs extending outwardly beyond the lateral side thereof, a washer positioned upon the stopper between the lugs and shoulder and held in place thereby, the stopper being of considerable thickness and having a snug fit in the open end of the roller, and a handle extending outwardly from the stopper.

2. A massaging instrument comprising a hollow roller open at one end and closed at the other, a handle extending longitudinally from the closed end of the roller, a cylindrical stopper for the open end of the roller and having a diameter considerably less than the inner diameter of the roller and provided at its outer side with an annular shoulder and at its inner side with lugs extending beyond the lateral side therof, a washer positioned upon the stopper between the shoulder and lugs and held in place thereby, the washer being of considerable thickness and having a snug fit in the roller, and a handle extending longitudinally from the stopper, the handles being of circular formation in cross section and increasing in diameter from their inner to their outer ends.

3. A massaging instrument comprising a cylindrical roller of hollow construction closed at one end, the roller being provided at its other end with an opening having a diameter equal to the inner diameter of the roller to facilitate the placing of a cooling medium within the roller, a handle extending longitudinally from the closed end of the roller, a stopper removably positioned in the open end of the roller, and a handle extending longitudinally and axially from the stopper, the cylindrical wall of the roller, the closed end and the stopper being imperforate to prevent the escape of the cooling medium from the roller.

4. A massaging instrument comprising a hollow roller open at one end and closed at the other end, a handle extending longitudinally and axially of one end of the roller, a cylindrical stopper for the open end of the roller having a diameter less than the inner diameter of the roller and provided at its outer side with an annular shoulder and at its inner side with lugs extending beyond the lateral side thereof, a washer positioned upon the stopper between the shoulder and the lugs and held in place thereby, the washer being of a thickness to removably secure the stopper within the open end of the roller, the handle being of circular formation in cross section and increasing in diameter from the inner to the outer end.

In testimony whereof I hereunto affix my signature.

NETTIE N. SCHROEDER.