Dec. 31, 1929. A. A. THEODOROPULOS 1,741,962

CLEANING AND MASSAGING DEVICE

Filed March 26, 1928

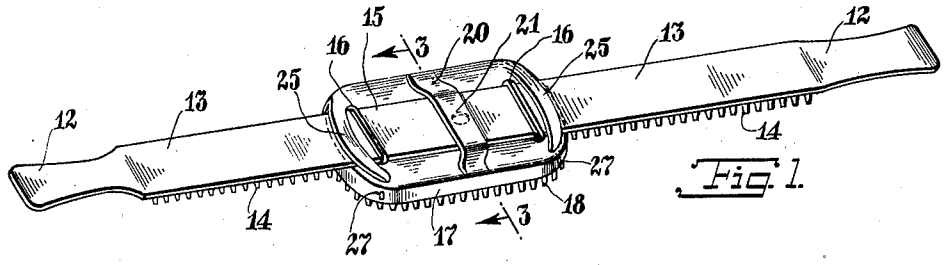


Fig. 1.

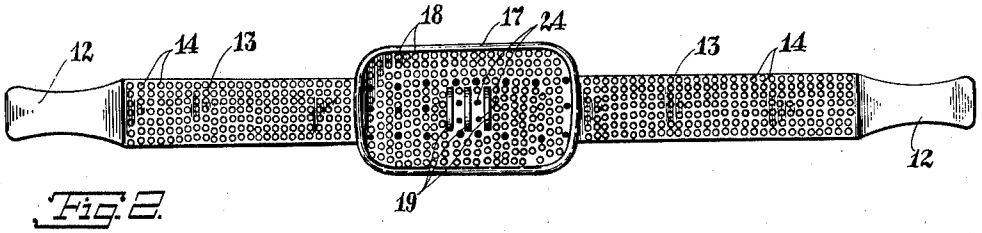


Fig. 2.

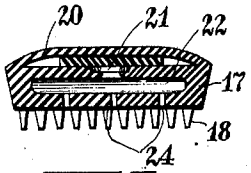


Fig. 3.

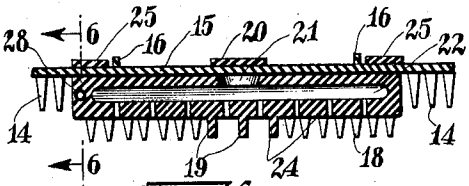


Fig. 4.

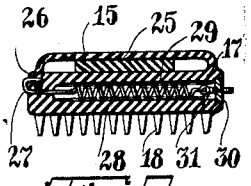


Fig. 6.

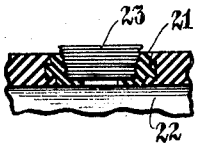


Fig. 5.

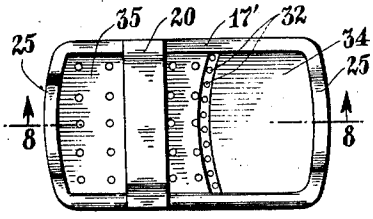


Fig. 7.

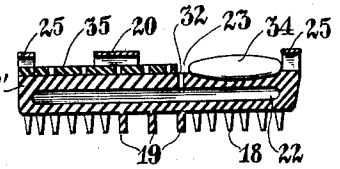


Fig. 8.

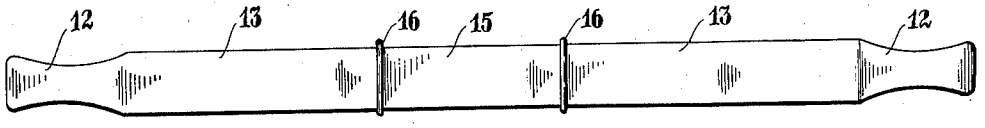


Fig. 9.

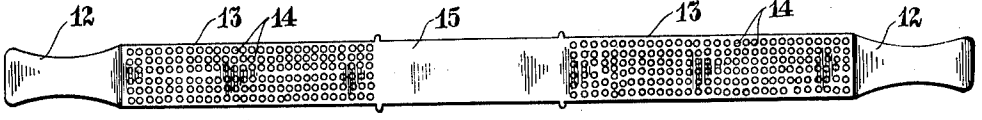


Fig. 10.

INVENTOR
Aristede A. Theodoropulos
BY
Zoltan Blackey
ATTORNEY

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UNITED STATES PATENT OFFICE

ARISTEDE A. THEODOROPULOS, OF NEW YORK, N. Y.

CLEANING AND MASSAGING DEVICE

Application filed March 26, 1928. Serial No. 264,810.

This invention relates generally to sanitary devices, and has more particular reference to a novel skin massaging and cleaning device.

The invention has for an object the provision of a device of the class mentioned which is of simple durable construction, efficient in operation, and which can be manufactured and sold at a reasonable cost.

The device consists of a massaging belt and a massaging block attached thereto. The belt ends are formed with handle portions and adjacent these handle portions there are massaging portions. The central portion of the belt is plain, and transverse ridges are formed integral with the belt and extend between the said massaging portions and the plain central portions. The massaging block is engaged to one side of the plain portion of the belt, and straps from the block are extended over the belt, so as to co-act with the transverse ridges of the belt to hold the block in place. The block is formed with a hand strap, and is also provided with soaping means.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

Referring to the accompanying drawing, forming a material part of this disclosure:—

Fig. 1 is a perspective view of a device constructed according to this invention.

Fig. 2 is a plan view of the bottom of the device.

Fig. 3 is a transverse vertical sectional view, taken on the line 3—3 of Fig. 1.

Fig. 4 is a fragmentary longitudinal central vertical sectional view of the central portion of the device.

Fig. 5 is a fragmentary vertical sectional view of the soap chamber of the device.

Fig. 6 is a transverse vertical sectional view, taken on the line 6—6 of Fig. 4.

Fig. 7 is a plan view of a massaging block constructed according to modified form.

Fig. 8 is a longitudinal vertical sectional view, taken on the line 8—8 of Fig. 7.

Fig. 9 is a plan view of the massaging belt.

Fig. 10 is a plan view of the bottom side thereof.

The reference numerals 12 indicate generally the handle portions of a massaging belt having massaging portions 13 adjacent these handle portions, and teeth 14 projecting from the lower side thereof. The central portion 15 is plain, and transverse ridges 16 are formed integral with the top side of the belt and extend substantially between the said massaging portions and the plain central portion.

The reference numeral 17 indicates the body of a massaging block having teeth 18 on its lower side, several ribs 19 also on its lower side, and a strap 20 extending transversely across the center of the top side thereof.

The massaging belt and block thus far described are each preferably of one integral piece of rubber.

A bushing 21 of hard rubber is molded into the top of the body 17, and communicates with a soap passage 22 formed in the body. A rubber plug 23 threadedly engages in the bushing 21 so as to form a closure for the soap passage 22. Small feed apertures 24 extend from the passage 22 to the bottom side of the body 17. The strap 20 is quite elastic so as to be capable of stretching for permitting filling of the soap chamber thru the bushing 21, and for permitting removal of the massaging belt by allowing the passage of ridges 16.

Transverse straplets 25 are integral at one of their ends to the body 17, and are so spaced as to lay on the outer sides of the transverse ridges 16 of the belt. The free ends of the straplets 25 extend into slots 26 formed in the body 17, and are held thus by hooks 27. These hooks 27 connect with springs 28 housed in apertures 29 in the body 17, and washers 30 connected to the free ends of the springs abut against the sides of the body 17 to hold the springs 28 properly tensioned. The connection between the washers and the springs is such that the washers are threadedly engaged to the threaded ends of the springs.

In operation, the plug 23 is removed, the passage 22 filled with liquid soap, and then the plug replaced. The user of the device,

preferably beneath a shower or in a bath tub, wets the device, and massages himself with the same by manually grasping the handle portions 12 and moving the device backwards and forwards. The liquid soap works it way out of the apertures 24 upon a user's body.

The user may draw the hooks 27 outwards to release the free ends of the straplets 25. The massaging belt may then be removed. The user may then place his hand beneath the strap 20 and just use the massaging block, instead of both belt and block.

The modification of the invention illustrated in Figs. 7 and 8 discloses the soap passage 22 connected by apertures 32 to a recess containing a cake of soap 34, and a sponge member 35 adjacent the cake of soap. In operation the device is moistened, then water from the sponge 35 slowly flows to the soap 34, thru the apertures 32 to the passage 22 and then to the bottom of the block 17'. The device is then used as before explained, and its operation differs from the first form inasmuch as much less soap is used.

The massaging portion 13 may have teeth 14 projecting also throughout the center portion 15.

While I have shown and described a preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described my invention what I claim as new, and desire to secure by United States Letters Patent is:

1. In a device of the class described, the combination with a massaging strap having a pair of transverse ridges on the top side position substantially adjacent a plain central portion, of a massaging block, transverse straplets integral at one of their respective ends to the body portion of the block, and so spaced as to lay on the outer sides of the transverse ridges of the belt when the block is engaged to the plain portion of the belt, said body portion being formed with slots for accommodating the free ends of the straplets, and a means for pinning the ends of the straplets disposed within said slots, against displacement.

2. In a device of the class described, the combination with a massaging strap having a pair of transverse ridges on the top side position substantially adjacent a plain central portion, of a massaging block, transverse straplets integral at one of their respective ends to the body portion of the block, and so spaced as to lay on the outer sides of the transverse ridges of the belt when the block is engaged to the plain portion of the belt, said body portion being formed with slots to accommodate the free ends to the straplets, hooks slidably arranged in the said body portion, and engaging the said free ends to the straplets for normally holding the ends against displacement.

3. In a device of the class described, the combination with a massaging strap having a pair of transverse ridges on the top side position substantially adjacent a plain central portion, of a massaging block, transverse straplets integral at one of their respective ends to the body portion of the block, and so spaced as to lay on the outer sides of the transverse ridges of the belt when the block is engaged to the plain portion of the belt, said body portion being formed with slots to accommodate the free ends of the straplets, hooks slidably arranged in the said body portion, and engaging the said free ends of the straplets, and means for normally holding the hooks in engaged positions.

4. In a device of the class described, the combination with a massaging strap having a pair of transverse ridges on the top side position substantially adjacent a plain central portion, of a massaging block, transverse straplets integral at one of their respective ends to the body portion of the block, and so spaced as to lay on the outer sides of the transverse ridges of the belt when the block is engaged to the plain portion of the belt, said body portion being formed with slots to accommodate the free ends of the straplets, hooks slidably arranged in the said body portion, and engaging the said free ends of the straplets, springs connected with the hooks, said springs being housed in apertures in the said body portion, threads on the free ends of the springs, and washers threadedly engaged thereon, and abutting the side of the body portion.

In testimony whereof I have affixed my signature.

ARISTEDE A. THEODOROPULOS.