

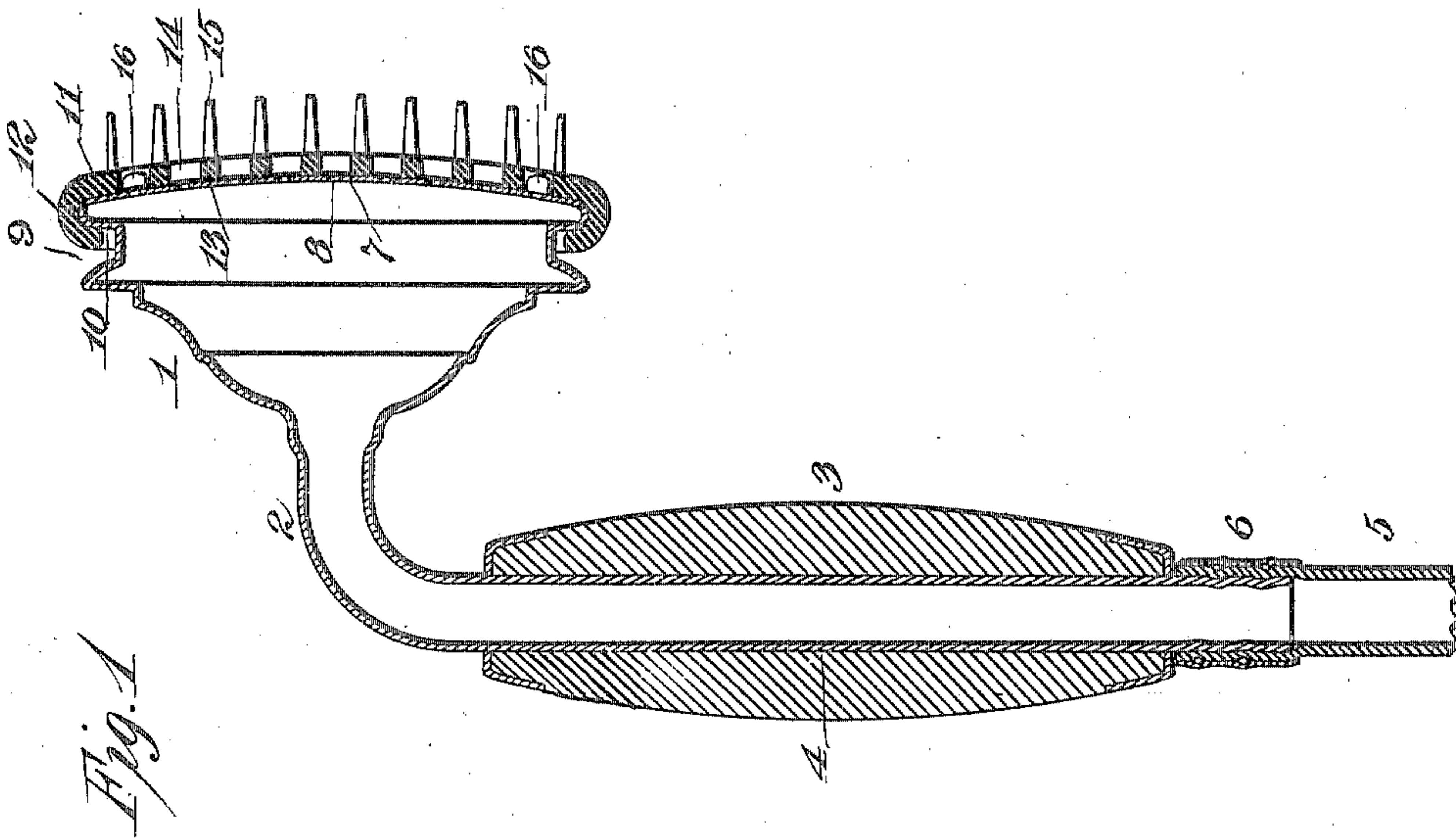
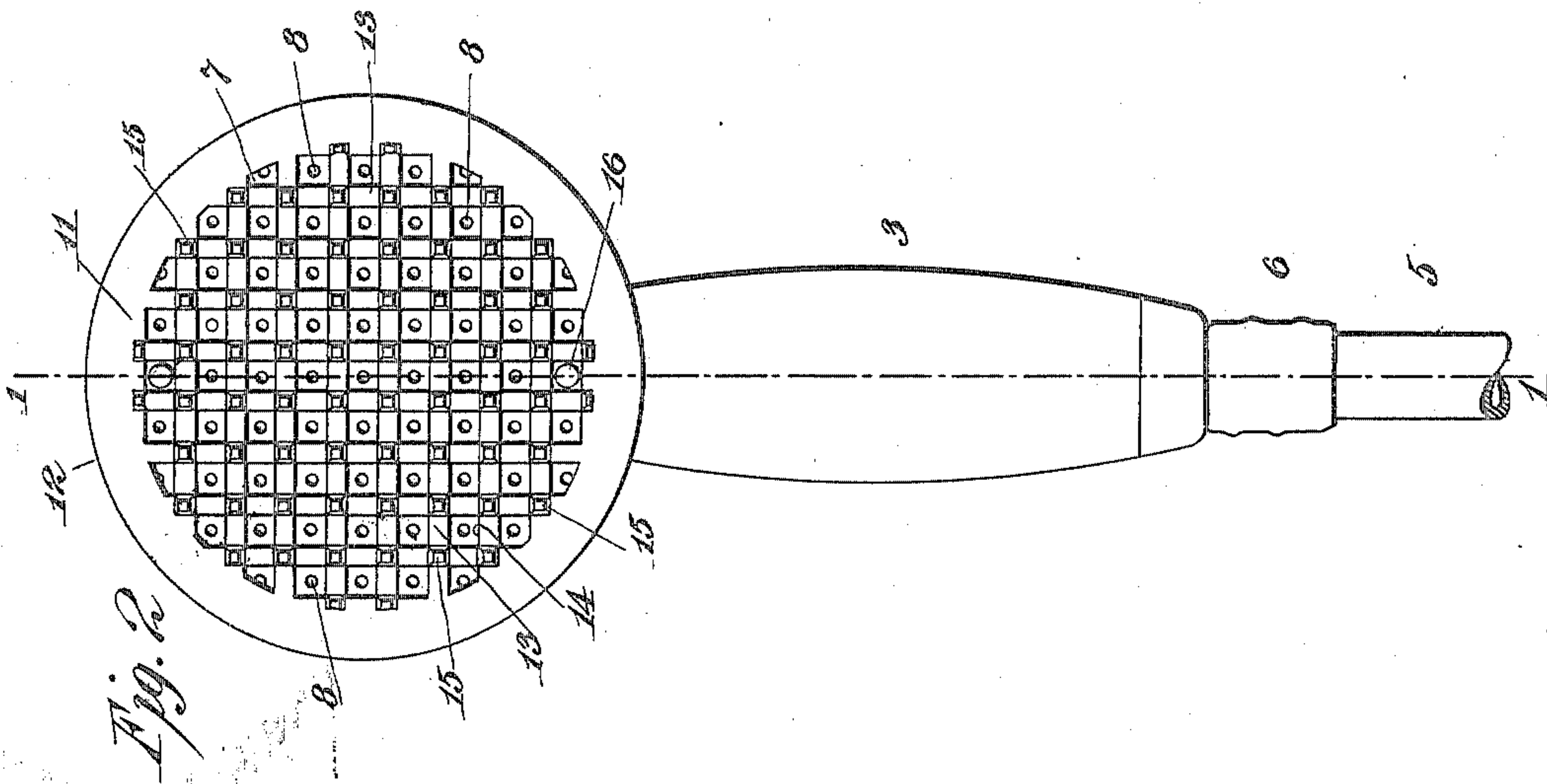
No. 816,924.

PATENTED APR. 3, 1906.

A. N. LATTIN.

BATH SPRAY.

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Witnesses:

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UNITED STATES PATENT OFFICE.

ALBERT N. LATTIN, OF NEW YORK, N. Y., ASSIGNOR TO S. STERNAU & COMPANY, OF BROOKLYN, NEW YORK, A COPARTNERSHIP.

BATH-SPRAY.

No. 816,924.

Specification of Letters Patent.

Patented April 3, 1906.

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To all whom it may concern:

Be it known that I, ALBERT N. LATTIN, a citizen of the United States, residing in the borough of Brooklyn, county of Kings, city and State of New York, have invented certain new and useful Improvements in Bath-Sprays, of which the following is a specification.

The object I have in view is the production of a bath-spray, with which will be combined a flesh-brush, whereby the desirable effects of massage and cleansing can be simultaneously secured. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a sectional view of a device embodying my invention, taken on the lines 1 1 of Fig. 2; and Fig. 2 is a plan view of the device.

In both of the views like parts are designated by the same reference characters.

In carrying out my invention I provide a hollow metal body 1, having an inlet-pipe 2, which may also act as a support. To this inlet-pipe 2 is attached a handle portion 3, having a hollow center 4. To the pipe is attached a flexible tube 5 by means of a coupling 6. The other extremity of the tube is provided with the usual means for attachment to a faucet. (Not shown.)

The body 1 is circular in plan, as shown in Fig. 2, but has a flat or slightly-curved face 7. This face is provided with numerous perforations 8, which serve as apertures for permitting exit of water from the body and directing the streams of water. The sides of the body 1 are formed with an annular groove 9, having a flat section 10.

In connection with the body 1 is used a soft-rubber cover 11. This cover has an annular rim 12, which may be sprung on into the annular groove 9, and will engage with the flat section 10 and by its elasticity will serve as a means for removably connecting the cover and body together. The annular rim 12 serves as a guard or cushion for the body to prevent injury to the person using the device or the bath-fixtures. That portion of the rubber cover inside of the annular portion 12 is reticulated, as shown in Fig. 2, or in the form of an open network or skeleton frame formed of bars 13 with separating-interstices 14. The interstices, as shown, are considerably larger than the apertures 8, so that the apertures

will not become covered or the passage of water through them in any way retarded or deflected. Elastic projections 15 are located upon the bars 13 intermediate the apertures. These projections are preferably made integral with the rubber of the cover and are therefore sufficiently elastic to secure the desirable results sought. The cover in place upon the body constitutes a flesh-brush, as will be evident. In order to align the cover in proper relation with the body to cause the interstices 14 to register with the openings 8 and not mask or cover them, suitable guiding means is provided, that illustrated comprising the pins 16 16, secured to the face 7 and entering two of the interstices 14. Other guiding means may be devised, if necessary, or be entirely omitted, if desired, as their use is not absolutely essential.

The device may be used, as desired, without the rubber attachment, as a bath-spray. The rubber attachment may be readily applied or removed and when worn out may be replaced without the use of tools. By using rubber in the form of a reticulated cover in connection with a metal body having apertures but a minimum amount of rubber is required, and the expense of manufacturing the device is reduced. By employing rubber in the form of a network as a support for the elastic projections the apertures may be arranged in the metal and will therefore be protected and prevented from becoming clogged by dirt, and the passage of the water will not be restricted by distortions of the rubber. The metal frame serves as a rigid backing to the rubber and prevents distortion of the latter in use. The rigid handle, in connection with the rigid body and elastic cover, permits the device being used with the greatest facility and otherwise inaccessible portions of the person readily reached, and owing to the rigid nature of the front of the body as much pressure can be applied to the brush as is desired, thereby securing all of the desirable effects of a flesh-brush.

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

1. A spray having a metal body, having a face with apertures therein, in combination with a reticulated rubber cover bearing against the face, and carrying elastic projections.

2. A spray having a metal body, having a face with apertures therein, in combination with a reticulated rubber cover bearing against the face, and carrying elastic projections, the projections being formed integral with the cover.
3. A spray having a metal body, with apertures therein, in combination with a reticulated rubber cover, carrying elastic projections, the openings being relatively large so as to form an open network or skeleton frame.
4. A spray having a metal body, with apertures therein, in combination with a reticulated rubber cover, carrying elastic projections, the projections being formed integral with the cover, the openings being relatively large so as to form an open network or skeleton frame.
5. A spray having a metal body, having a face with apertures therein, in combination with a reticulated rubber cover bearing against the face, and carrying elastic projections, the rubber cover having an annular portion forming a guard.
6. A spray having a metal body, with apertures therein, in combination with a reticulated rubber cover, carrying elastic projections, the metal body having an annular groove and the cover an annular enlarged portion which engages therewith and forms an attaching means for the cover.
7. A cover for a bath-spray, made of soft rubber having an annular portion with means for attachment to the spray and a reticulated body with integral projections thereon, located between the interstices, the openings being relatively large so as to form an open network or skeleton frame.
8. In a bath-spray, a metal spray with an apertured bottom having a pin thereon, in combination with a reticulated rubber cover having elastic projections, the pin engaging with an interstice in the cover.
9. In a bath-spray, a metal body with a tube, and a reticulated bottom having apertures therein in combination with a reticulated rubber cover having flexible projections between the interstices, the said body having a rigid handle, and a connection to the tube through the handle, whereby a rigid structure will be produced.
- This specification signed and witnessed this 28th day of January, 1905.
- ALBERT N. LATTIN.
- Witnesses:
D. D. SANFORD,
JOHN D. GRAHAM, }