F. C. REHM.

BATH TUB APPLIANCE.

APPLICATION FILED JAN. 21, 1914.

1,111,094.

Patented Sept. 22, 1914.

Fig. 1.

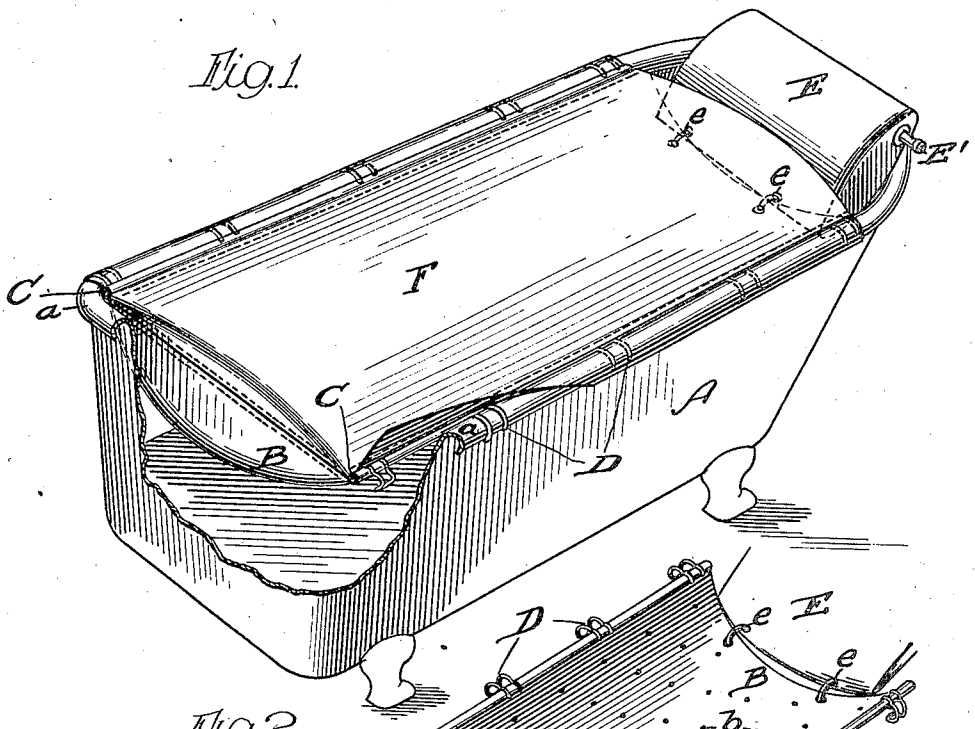


Fig. 2.

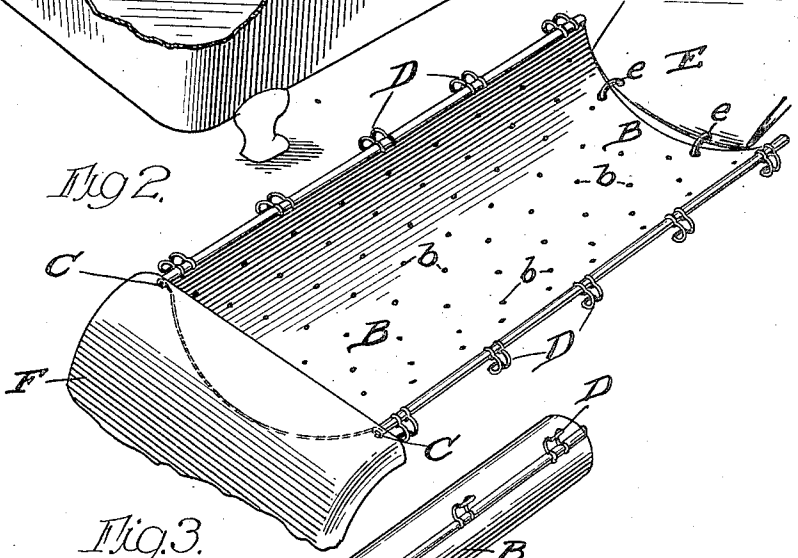
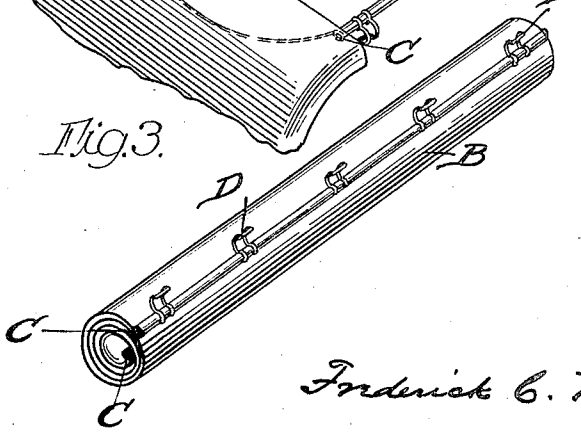


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

FREDERICK C. REHM, OF DETROIT, MICHIGAN, ASSIGNOR OF ONE-HALF TO CHARLES NELSON, OF DETROIT, MICHIGAN.

BATH-TUB APPLIANCE.

1,111,094. Specification of Letters Patent. Patented Sept. 22, 1914.

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To all whom it may concern:

Be it known that I, FREDERICK C. REHM, citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Bath-Tub Appliances, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an attachment for bath tubs shown in the accompanying drawings and more particularly described and pointed out in the following specification and claim.

One of the objects of my invention is to provide means whereby an ordinary bath tub may be readily adapted for taking a medicated, Russian or vapor bath. In carrying this object into effect a perforated sheet (preferably coated with rubber) is suspended above the water level in a bath tub by suitable hangers engaging the side walls of the latter. On this sheet the bather lies exposed to the steam or medicated vapors arising from the water below which pass upwardly through the perforations in the sheet.

Another feature of the invention consists in the ease with which the device may be removed from the tub and rolled into a comparatively small compass for storage, it being entirely practical to conceal it from view when rolled up by lodging it beneath the ordinary tub.

Another feature consists in providing a pneumatic cushion at one end of the device to support the bather's head when lying upon the perforated sheet.

Another feature consists in an apron attached to one end or side of the perforated sheet to cover the bather and to confine the vapors arising from the water below.

Other advantages and improvements will hereafter appear.

In the drawings:—Figure 1 is a perspective view of a bath tub with parts broken away showing the device in position. Fig. 2 is a perspective view of the invention removed from the tub. Fig. 3 is a perspective view of the device rolled up for storage.

Referring now to the letters of reference placed upon the drawings:—A denotes a bath tub of usual construction.

B is a canvas sheet preferably coated with rubber—sewed or otherwise secured to a pair of rods C, C, located respectively at each side of the sheet.

D indicates a plurality of wire hooks preferably covered with rubber tubing and flexibly engaged to the respective rods C, C;— their free ends engaging the rolled edge *a* of the bath tub.

b denotes a plurality of perforations in the sheet B for the passage of the vapor rising from the water in the tub beneath the sheet.

E is a pneumatic cushion linked by suitable rings *e*, to the sheet B.

E′ is a nipple in the cushion through which it may be inflated or deflated as required.

F is an apron secured at one end or side of the sheet B, to cover the bather and to confine and retain the vapors arising from the water below.

Having indicated the several parts by reference letters the construction and operation of the device will be readily understood. The tub having been filled with hot water (which may be medicated or not as desired) to a suitable altitude,—the sheet B is engaged to the side walls of the tub by the supporting hooks D. The cushion E is then adjusted and filled with air. The bather lies upon the sheet B, which sags under his weight to a position directly above the water level in the tub. The apron F is then drawn over the body of the bather that the hot vapor arising from the water while free to pass through the perforations in the supporting sheet may be confined within the tub. After taking the bath the cushion is deflated and folded back upon the sheet, which may then be rolled up and deposited beneath the tub, or other convenient place for storage until again required.

Having thus described my invention, what I claim is:—

In an appliance of the character described,

a tub, a supporting sheet perforated for the passage of vapor, adapted to be suspended within the tub above the water level therein, a rod secured to each side of said sheet, a plurality of hooks secured to the rods to engage the walls of the tub, a covering apron secured to the sheet, and a pneumatic cushion engaged to one end of the sheet adapted when deflated to be folded back against the latter.

In testimony whereof, I sign this specification in the presence of two witnesses.

FREDERICK C. REHM.

Witnesses:
SAMUEL E. THOMAS,
CHRISTINE MALETIN.