J. WALD.

BATHING APPLIANCE.

APPLICATION FILED DEC. 22, 1915.

1,175,491. Patented Mar. 14, 1916.

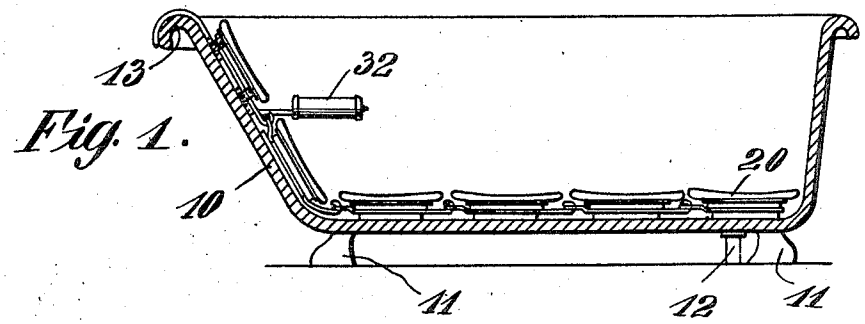


Fig. 1.

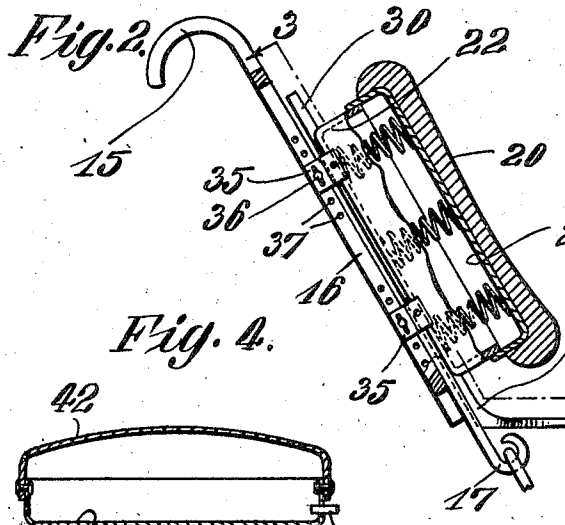


Fig. 2.

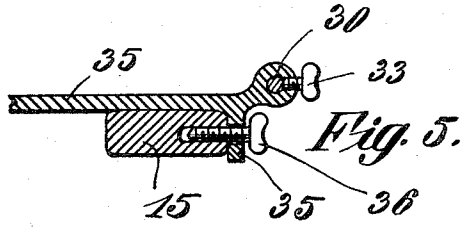


Fig. 5.

Fig. 4.

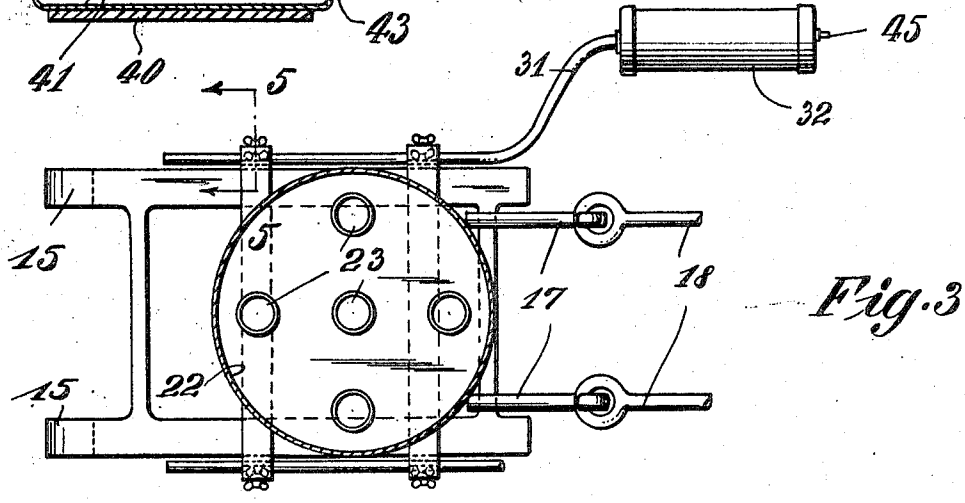


Fig. 3.

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BATHING APPLIANCE.

1,175,491. Specification of Letters Patent. Patented Mar. 14, 1916.

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To all whom it may concern:

Be it known that I, JOSEPH WALD, a subject of the King of Hungary, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Bathing Appliances, of which the following is a specification.

This invention relates to improvements in bathing appliances as used in connection with an ordinary bath tub, and has as its principal object the provision of means whereby a bath may be taken with far more comfort than with a bare tub merely, and the avoidance of danger of slipping or sliding on the usual highly finished surface.

Another object is to provide means whereby that the bather may rest in an incumbent or a reclining position with entire ease, cushioned surfaces being provided to contact with the body, and supports for the head and arms arranged in connection therewith.

Still another object is the provision of such devices in forms which may be readily adapted to bath tubs of various lengths, the elements being interengaged in such manner that more or less of them may be used according to the length of the tub in which they are disposed.

These objects are attained by the novel construction and combination of parts hereafter described and shown in the accompanying drawings, forming a part of this specification, and in which:—

Figure 1 is a vertical sectional view, taken through a bath tub, showing an application of the device. Fig. 2 is an enlarged fragmental section, showing the head and arm rest. Fig. 3 is a partial plan view, taken substantially on line 3—3 of Fig. 2. Fig. 4 is a transverse sectional view, taken through a modified form of cushion element. Fig. 5 is a sectional view taken substantially on line 5—5 of Fig. 3.

In the drawings, the bath tub, represented by the numeral 10, may be of the usual construction, supported by feet 11 and provided with a discharge outlet 12. The upper curved edges 13 of the tub have removably engaged with them hooks 15 from which extend rods 16 along the inclined inner surface of the tub nearly to its bottom. Engaged with the rods are hooks 17 and connecting with these hooks are the first links of the elements 18 which extend toward the rear of the tub. These chain like elements are each disengageable and can be increased in number so as to extend indefinitely, each pair of links being engaged with a cushion element 20, tightly secured upon the cover 21 of the spring containing receptacle 22, in which are a plurality of helical push springs 23, giving a desired resiliency to the cushion. All these several elements are uniform in construction and afford a very comfortable resting place for the body of the bather.

Attached to the upper or head rest, on either side thereof, are slides 30 having an angularly turned portion 31 at the outer horizontal end of which are engaged arm supports 32. These supports are adjustable vertically and laterally by means of sliding or turning the bar 30 until a desired position is attained, thereupon clamping the bar in position by means of set screw 33. The upper element or head rest is also adjustable vertically with relation to the tub, it being attachable to the bars 15 by means of the slides 35 engageable with the bars 15 through the screw 36 which can be entered into any of the plurality of holes formed in the sides of the elements 16.

In Fig. 4 is shown an adaptation of the cushioning elements in which the springs are dispensed with, the bottom plate 40 resting directly on the surface of the tub as before and having attached to it a container 41 having a flexible air tight cover 42, inflated by any convenient means through an opening as 43. The head rest or support may be inflated and used as an air cushion in place of the springs, and the other elements may be inflated as well if preferred. It will also be noticeable that the construction of the arm support 32 is such that the rod 31 extends its entire length, supporting both ends and that the support itself is comprised of an impervious fabric 44, having a valved inlet tube 45 in which air may be pumped by any convenient means, thus presenting a soft elastic surface to contact with the arms of the bather, rendering the operation unusually pleasurable.

From the foregoing, it will be seen that the apparatus will render bathing more pleasant and agreeable and can be adjusted to suit not only varying lengths of tubs, but adjusted to the individuals in an easy and satisfactory manner.

Having thus described my invention,

what I claim as new and desire to secure by Letters Patent is:—

1. In a device of the class described, the combination with a bath tub, of a pair of hook elements engageable with the edge of said tub, a plurality of paired links removably engaging one with another and with said elements, a cushion surface combined with each pair of said links, and means for resiliently extending said surface.

2. In a device of the class described, the combination with a bath tub, of a pair of hooks engaging with the arm at one end thereof, a frame combined with said hooks, and a cushion element secured to said frame, means for securing said frame adjustably along said hooks, a plurality of links engaged at the lower end of said hooks, said links being in pairs and separable one pair from another, cushion elements combined with each pair of said links, a pair of arm supports engageable with said head support, and means for adjusting said arm supports angularly and vertically.

3. In a device of the class described, the combination with a bath tub, of disengageable sectional cushions arranged to extend within the length of the tub, a head rest attached thereto and adapted to be disposed on the inclined end surface of the tub, means of securing said head rest to the edge of the tub, a pair of arm supports attached one upon either side, of said head rest, means for inflating said arm supports and means of adjusting said arm supports vertically and laterally.

In testimony whereof I have signed my name to this specification.

JOSEPH WALD.