

No. 661,703.

Patented Nov. 13, 1900.

W. R. PERMAR.

COMBINED BATH TUB AND COUCH.

(Application filed July 21, 1899.)

(No Model.)

Fig. 1.

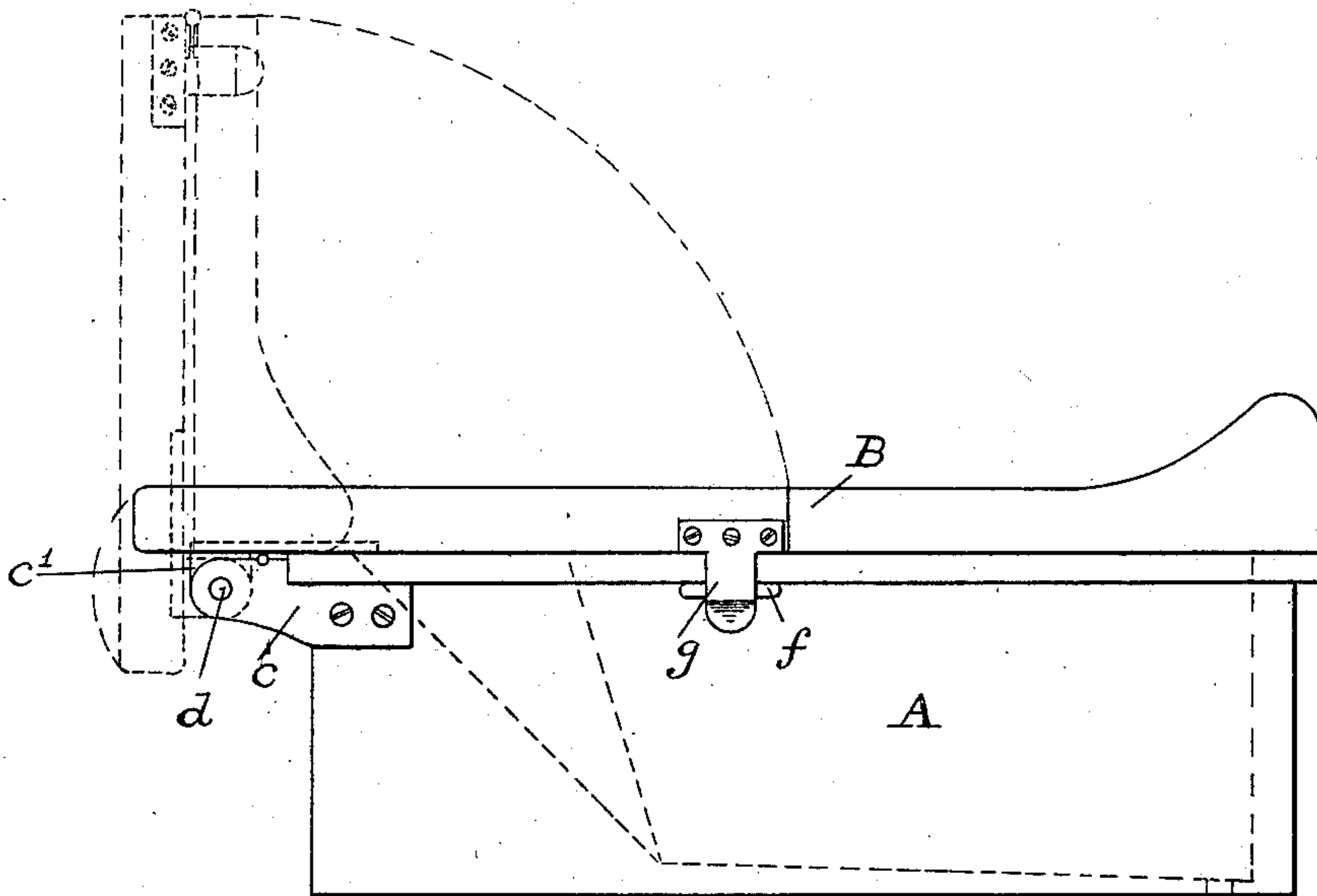
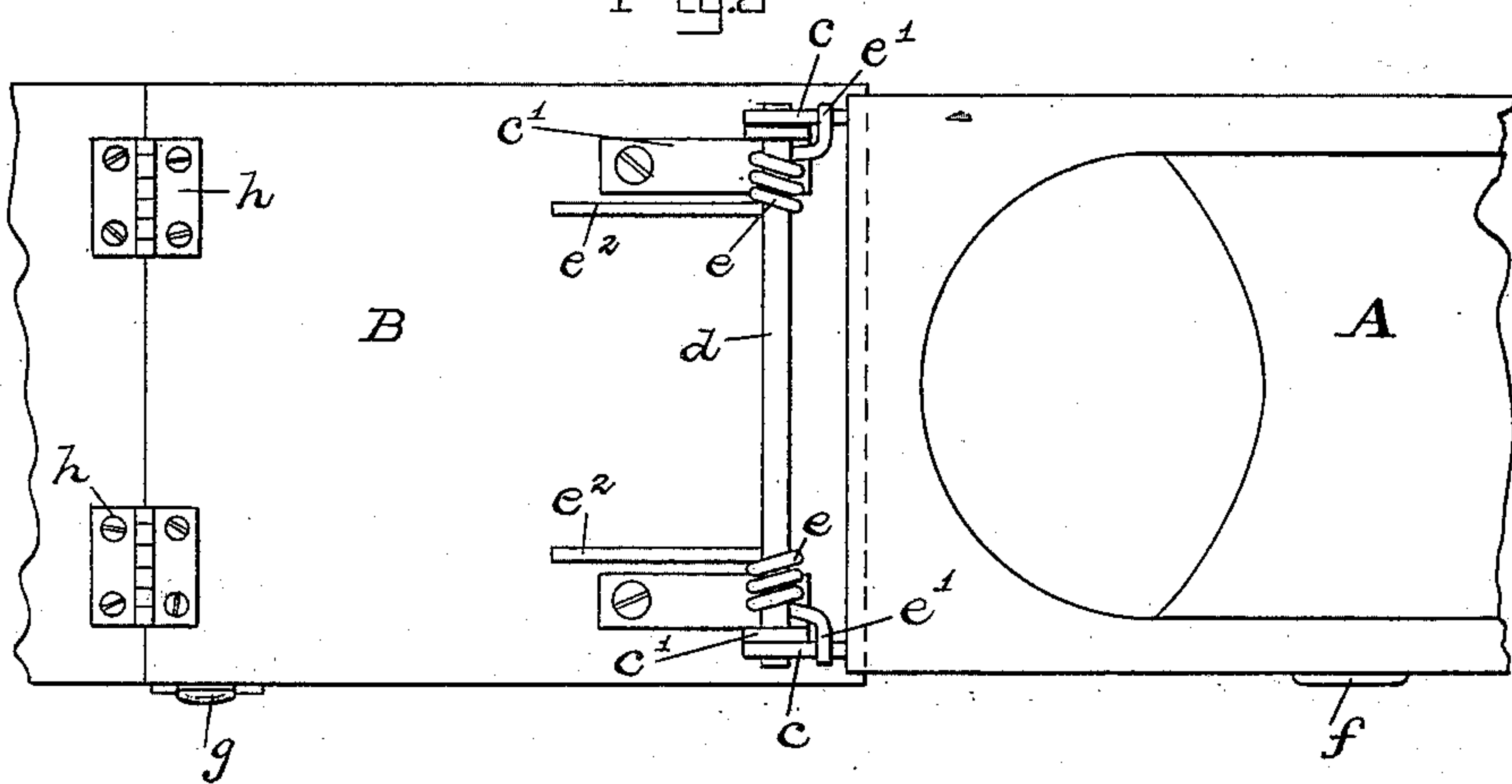


Fig. 2.



Witnesses:

Charles B. Mann Jr.
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UNITED STATES PATENT OFFICE.

WILLIAM R. PERMAR, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-THIRD
TO CHARLES E. JONES, OF CHEAPSIDE, VIRGINIA.

COMBINED BATH-TUB AND COUCH.

SPECIFICATION forming part of Letters Patent No. 661,703, dated November 13, 1900.

Application filed July 21, 1899. Serial No. 724,619. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. PERMAR, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in a Combined Bath-Tub and Couch, of which the following is a specification.

This invention relates to a combined bath-tub and couch, the object being to provide for the bath-tub a cover consisting of a couch made in two sections of unequal length, so that the couch may be folded to a vertical position beyond one end of the tub.

Referring to the drawings, Figure 1 is a side elevation of the tub and couch and shows by broken lines the vertical position the folded couch assumes when the tub is in use, the end of the longer section projecting down below the tub's top. Fig. 2 shows a top view of part of the tub and an inverted plan view of part of the couch.

The bath-tub A may be permanently set with water-supply and waste pipes or may be of the ordinary construction of a portable tub and of any preferred material.

The couch is made of two unequal sections B B', which are jointed together by hinges h, and is to be extensible on top of the bath-tub to serve as a cover for the tub when the latter is not in use, the tub in turn to serve as a support for the couch. The couch-section B' is longer than the other section B and when serving as a cover extends beyond the end of the tub having the hinges, so as to permit one part c' of the hinges to be secured to the under side of the section, as will be seen in Fig. 1. The two hinges are secured together by a rod d, which passes through them. In order to conveniently fold this sectional couch to gain access to the tub, a special construction is provided for automatically raising the jointed sections B B' at the center and folding them in a vertical position, so that they will take beyond the end of the tub and not be in the way when the tub is being used for bathing purposes. This special construction consists of coiled springs e, wound around the hinge-rod d. Each spring has one lateral end e' bearing on the horizontally-projecting lugs c, while the other end e² of each spring bears against the under side of the longer

couch-section B'. This arrangement forms two spring-hinges, which serve to automatically raise the two jointed sections at the center and cause them to be folded in a vertical position at one end of the tub. When the couch is thus folded uprightly, the end of the longer couch-section B', which when serving as a cover extends beyond the end of the tub, will project downward below the tub's top and take position alongside of the vertical end of the tub, (see broken lines in Fig. 1,) while the free end of the shorter couch-section B will clear the top of the tub and take position over the horizontally-projecting lugs c on the tub. In order to hold the extended two sections down flat upon the top of the tub against the lifting action of the springs, a suitable fastener, consisting of a lug f, is rigidly secured to the side of the tub and projects or offsets a little. A spring-catch g, having a hook formation, is attached to one of the couch-sections, near the jointed center, and when the couch is down flat on the top of the tub the spring-catch will engage the said lug on the tub and prevent the couch from either raising or bulging up in the center.

When it is desired to use the tub for the purpose of bathing, it is simply necessary to release the spring-catch g from the lug on the tub, whereupon the two jointed sections will automatically raise in the center and fold together in a vertical position beyond the end of the tub and the end of the longer section will project downward below the tub's top and be alongside of the vertical end of the tub and the free end of the shorter section will be over the horizontally-projecting lugs c, as shown by broken lines in Fig. 1.

Having thus described my invention, what I claim is—

1. A bath-tub and couch combined consisting of a bath-tub provided with lateral lugs projecting from one end thereof; a couch composed of two sections hinged together and extensible on top of said tub, said couch having one of its sections pivoted at one end to said lateral lugs and the other section hinged to said pivoted section to allow it to swing to and against said pivoted section when the couch is raised; means for automatically raising and folding the couch at one end of the

tub; and a catch to hold the couch in a horizontal position when the tub is not in use, substantially as described.

2. A bath-tub and couch combined, consisting of a bath-tub provided with lateral lugs projecting horizontally from one end thereof; a couch extensible on top of said tub composed of two sections hinged together, one section being longer than the other and projecting beyond the end of the tub and having lugs secured to the under side thereof at one end to register with said lateral lugs on the tub, and the shorter section hinged to said longer section and adapted to swing to and against said longer section when the couch is raised; a rod pivotally connecting the said lugs on

the couch and tub; springs carried by said rod and each having one of their free ends bearing against the under side of the couch and the other end bearing laterally upon the lugs projecting from the tub, said springs serving to automatically raise and fold the couch on the said laterally-projecting lugs; and a catch to hold the couch down against the action of said springs, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

WILLIAM R. PERMAR.

Witnesses:

CHAS. B. MANN,
CHARLES VIETSCH.