

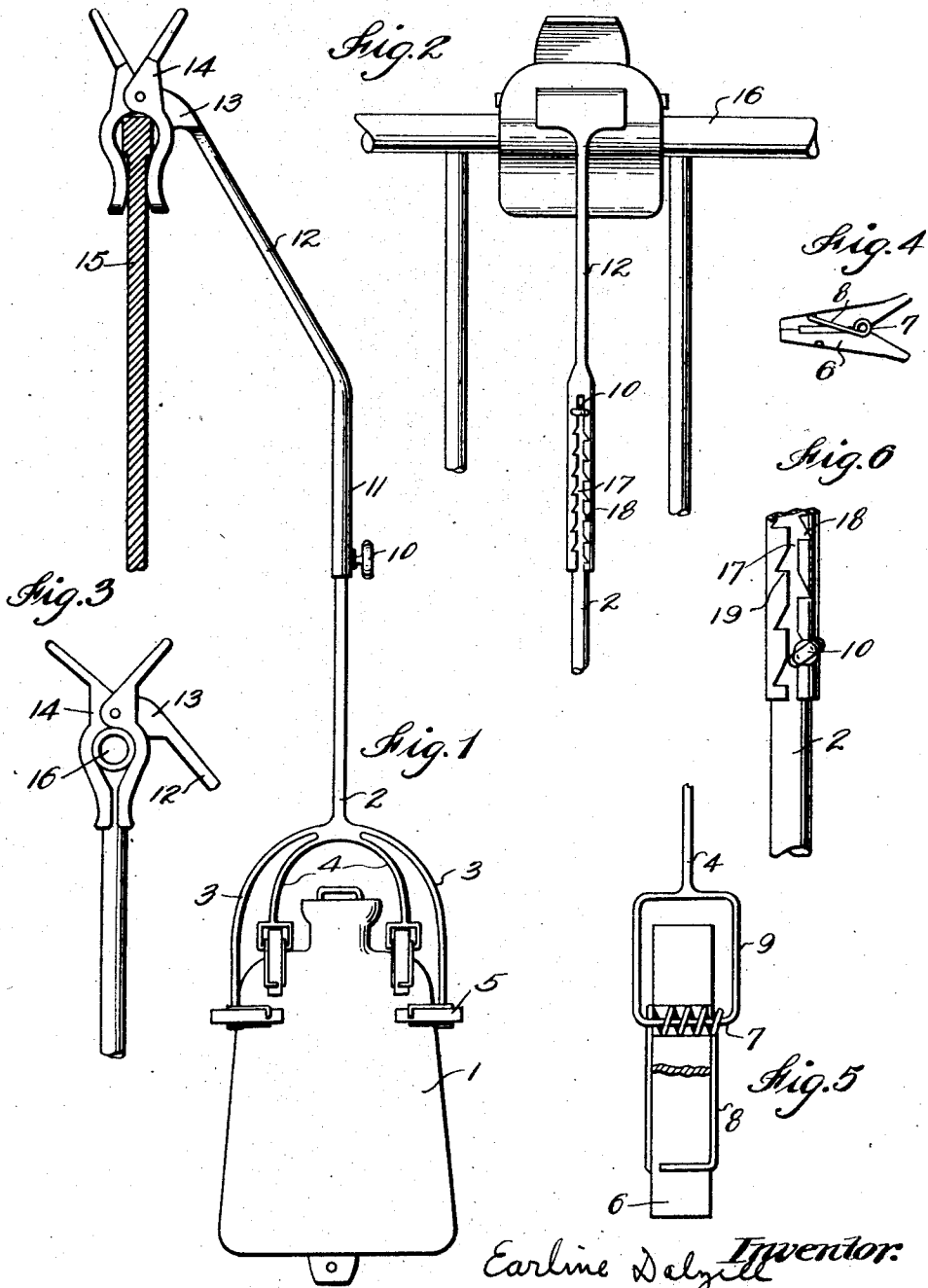
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1,554,201

E. DALZELL

HOLDER FOR HOT WATER BOTTLES

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Earline Delzell *Inventor.*

by Jesse R. Stone
his Attorney.

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UNITED STATES PATENT OFFICE.

EARLINE DALZELL, OF HOUSTON, TEXAS.

HOLDER FOR HOT-WATER BOTTLES.

Application filed December 9, 1924. Serial No. 754,758.

To all whom it may concern:

Be it known that I, EARLINE DALZELL, a citizen of the United States, residing at Houston, Harris County, Texas, have invented a certain new and useful Improvement in Holders for Hot-Water Bottles, of which the following is a specification.

My invention relates to holders for hot water bottles, and is particularly designed for holding hot water bottles, or similar flexible containers, in a fixed position when attached to some stationary support.

In caring for the sick in hospitals, or in other similar situations, it is often necessary that hot or cold applications must be applied, and it is usually necessary for the nurse to continually hold in position the hot water bottle so that it may not be displaced due to the movement of the patient.

It is an object of the invention to provide a holder for liquid containers made of flexible material which may be easily attached or detached from a stationary support, so as to hold the said container in any desired position. It is also desired that it be easily adjustable to move the said container into different positions as becomes necessary. These objects, and the particular mechanical construction by which they are carried out, will be more particularly set forth and described in the specification which follows.

Referring to the drawing herewith, Fig. 1 is a front elevation of a holder constructed in accordance with my invention. Fig. 2 is a broken view of the upper end of said holder, said view being taken at right angles to that shown in Fig. 1. Fig. 3 is a view of the upper end of the holder showing the same applied to a support such as disclosed in Fig. 2. Fig. 4 is a side elevation of a spring actuated clamp employed in connection with my device. Fig. 5 is a broken view of the clamp, such as disclosed in Fig. 4, and Fig. 6 is a broken view of the adjustable connection employed on the supporting device. Like numerals of reference designate like parts in all the views.

In Fig. 1 I have shown a hot water bottle at 1. This bottle is of ordinary construction, and may be made of rubber in the usual manner. It is contemplated that such a bag, or other container of similar flexible material, may be held in position by my device. To engage the bag 1, there is an arm 2 provided with branching rods 3, 3 and 4, 4. These rods are connected at their

upper ends to an arm 2 and are curved laterally and forwardly. The two outer rods 3 extend beyond the inner rods 4 so as to connect with the bag at a point spaced forwardly from the inner arms. Each of the said arms has, on the forward end thereof, a clamp 5 for connection with the container. The particular construction of this clamp is not a part of my invention, and I have therefore used a clamp of ordinary design, such as is shown in Figs. 4 and 5. It employs two clamping fingers 6 pivoted at a point intermediate the ends at 7, and held in closed position by means of a spring 8. This spring has a forward loop engaging one of the fingers, and is mounted upon a pivot pin 7. The said pin 7, in the construction of rods 4, forms the forward end of a yoke 9 secured to the said arms. In Fig. 5 it is shown as connected upon one of said arms 4. On arms 4 of the pin is an extension of the rod.

The upper end of the arm 2 has thereon a laterally extending set screw 10. This screw is adapted to be screwed into the said arm to tighten it into position against a sleeve 11 into which it projects.

The sleeve 11 is formed upon a forward end of a rod 12 which is curved laterally from the said sleeve, and has formed upon its upper end a head 13 to which is secured the clamp 14. Said clamp 14 is directed downwardly and is of sufficient width and length to form a secure support when clamped upon a stationary article of furniture or similar structure.

In Fig. 1 the said clamp is shown as engaged upon the back of a chair 15, and in Figs. 2 and 3, it is shown as engaged upon the horizontal member 16 of an iron bed. It is contemplated that this clamp will also be of ordinary construction held in clamping position by spring pressed means housed within a head 13.

Said sleeve 11 has therein a longitudinal slot 17 in which are cut lateral notches 18. These notches are formed in staggered relation relative to each other, and have a lower shoulder 19 against which the said screw 10 may be clamped. Thus, in adjusting the arm 2 within the said sleeve, the arm will be moved into the desired position so as to adjust the container at a suitable height, and the set screw 10 will be moved into the proper notch 18 and will be then tightened to clamp the two parts against movement.

The operation of this device will now be apparent. The container may be clamped to the rods 3 and 4 upon the arm 2, as shown in Fig. 1, or it is possible, of course, that the flexible container 1 be doubled over so that the clamps 5 on the arms 3 may engage the said container adjacent the lower end, allowing the intermediate portion of the container to hang in a loop between the arms 3 and 4. The device will then be clamped upon the support 15 or 16, as desired and the clamp formed by the set screw 10 will be adjusted longitudinally. It will be obvious that the position of the bag may be changed without difficulty whenever desired, it being possible not only to adjust the length of the supporting arm, but also to move the whole device into a new position upon a stationary support whenever necessity arises.

The further objects and advantages of the device will be apparent to one skilled in the art. What I claim as new, and desire to protect by Letters Patent, is:

1. A holder for flexible liquid containers

comprising a rod, a support engaging clamp at its upper end, a sleeve at the lower end of said rod, an arm adjustable therein, two pairs of branching rods at the forward end of said arm, the length of the inner of said pairs of rods being less than that of the outer pair, and clamping means at the ends of said branching rods, whereby said flexible container may be held in various positions relative to the holder.

2. A holder for flexible liquid containers comprising an inclined rod having a downwardly directed clamp on the upper end thereof, a sleeve on the lower end of said rod, an arm telescoping in said sleeve, means to secure said rod adjustably to said sleeve, branching rods on the forward end of said arm, and spring pressed clamps on the ends of each of said branching rods in the manner described.

In testimony whereof I hereunto affix my signature this 5th day of December, A. D. 1924.

EARLINE DALZELL.