United States Patent [19]

Alsbury et al.

[11] **3,742,531**

[45] **July 3, 1973**

[54] **WATER BED**

[76] Inventors: **Marjory E. Alsbury; Merwyn G. Alsbury**, both of P.O. Box 156, Dixon, Calif. 95620

[22] Filed: **May 17, 1971**

[21] Appl. No.: **143,752**

[52] **U.S. Cl.** ..... **5/348 WB,** 128/24

[51] **Int. Cl.** **A47c 27/08**

[58] **Field of Search** ..... 5/337, 345, 348, 5/349, 350, 348 WB; 128/24

[56] **References Cited**

UNITED STATES PATENTS

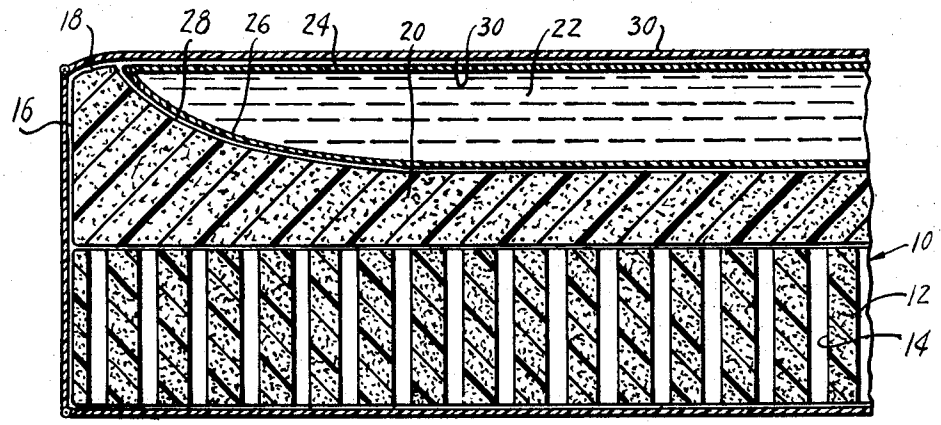
3,585,356	6/1971	Hall	5/348
3,456,270	7/1969	Weinstein et al.	5/348
3,308,491	3/1967	Spence	5/348

Primary Examiner—Bernard A. Gelak
Assistant Examiner—Andrew M. Calvert
Attorney—Alexander B. Blair

[57] **ABSTRACT**

A spongy base, a plastic frame thereabove, a water mattress above the plastic frame, and a waterproof covering surrounding the base, frame, and mattress.

1 Claim, 2 Drawing Figures



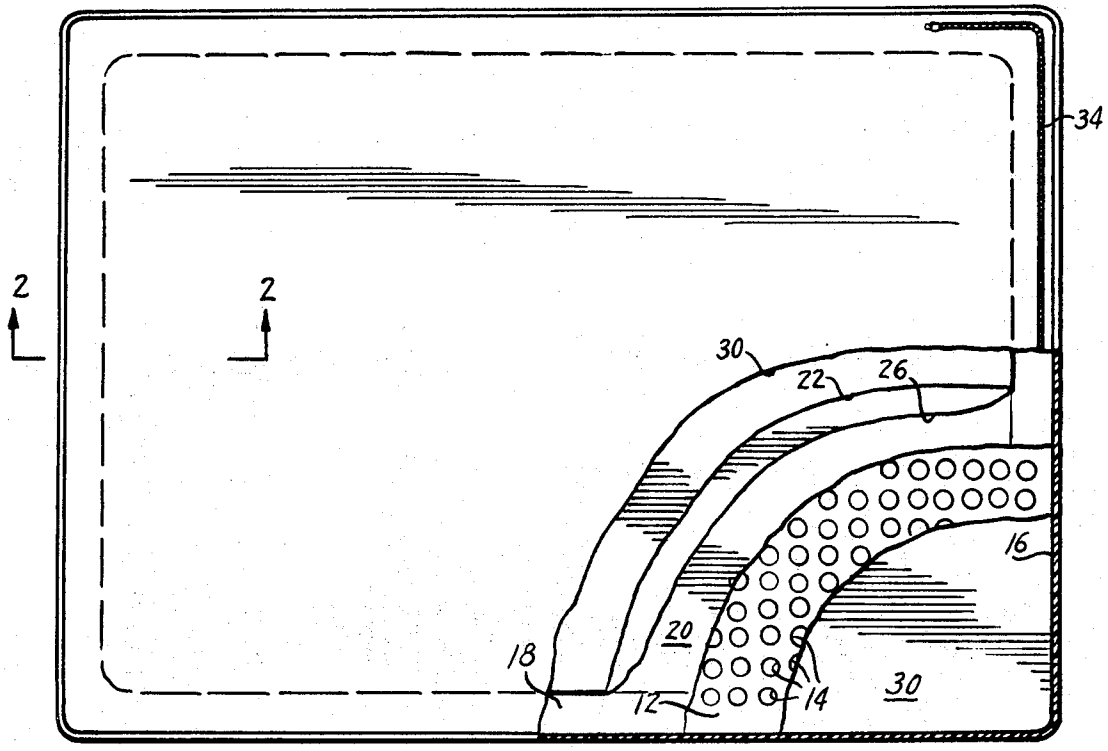


FIG. 1

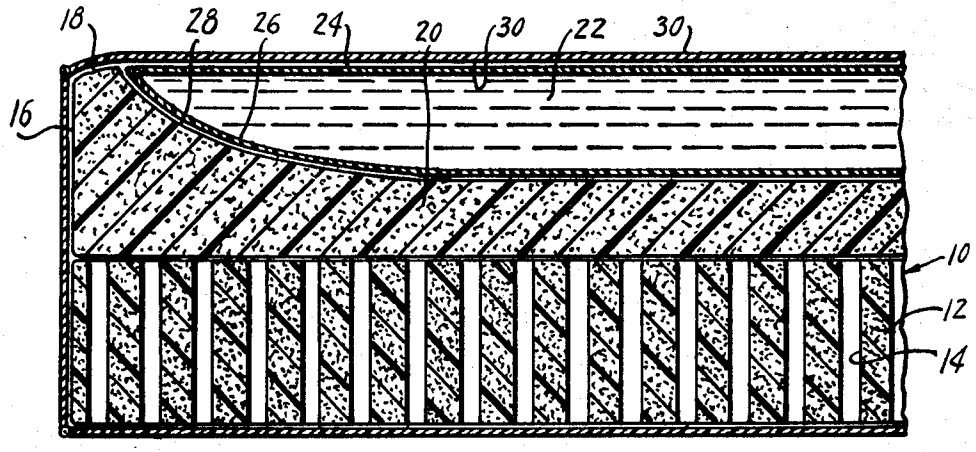


FIG. 2

INVENTORS.
MARJORY E. ALSBURY
MERWYN G. ALSBURY
BY
Alexander R. Blair
ATTORNEY.

WATER BED

This invention relates to an improved water bed. Conventional water beds weigh approximately 2,000 pounds when they are filled with water and no one is permitted to put them in a second floor apartment due to the possibility of a leak and the weight. Also, a conventional water mattress lies directly on the floor, and if a frame is placed therearound, there is the high possibility of banging oneself on the frame while lying on the mattress.

Accordingly, a primary object of this invention is the elimination of water damage if the water mattress should develop a rip or leak.

Another object of this invention is a safer bed minimizing accident to the sleeper.

A further object of this invention is the provision of a bed wherein the mattress need not be as thick when filled with water as existing water mattresses.

The above and other objects of this invention will become apparent to those skilled in the art after a consideration of a detailed description of a preferred embodiment of this invention taken together with the accompanying drawing wherein:

FIG. **1** is a top plan cut away view of the bed; and

FIG. **2** is a sectional view taken on line **2—2** of FIG. **1.**

Referring in detail to the drawing, there is shown a base **10** of thick spongy plastic material **12** having a plurality of vertical holes **14** uniformly spaced therein. A frame **16** formed of a solid slab of soft plastic material rests above base **10.** Frame **16** curves down from the perimeter thereof from the top surface **18** thereof to a reduced thickness **20.**

A water mattress **22** holding water therein and having a generally flat top surface **24** and a bottom surface **26** having a shape mating with the top surface **28** of frame **16** is placed within the recess formed by reduced thickness **20** so that water mattress **22** is surrounded along the perimeter thereof by perimeter **18** of frame **16.**

Completely covering base **10,** frame **16,** and water mattress **22** is a cover **30** having a waterproof coating **32** on the interior thereof. A zipper **34** is located at one end of cover **30** so that it can be removed for cleaning or any other purpose. It should be noted that the covering may have any pleasing decorative effect printed on the exterior.

If water mattress **22** should rip for any reason, the water would be contained within the recess formed by frame **16.** Any water spilling over perimeter **18** of frame **16** would still be contained within cover **30.**

While a preferred embodiment of this invention has been illustrated and described, it should be understood by those skilled in the art that many changes and modifications may be resorted to without departing from the spirit and scope of the invention.

We claim:

1. A water bed, comprising spongy support means, flexible frame means resting on the top surface of said support means and having a recess in the top surface thereof, a flexible water holding means having the top surface thereof approximately flush with the uppermost portion of the top surface of said frame means and having the bottom surface thereof in a shape matable with the shape formed by said recess thereby preventing water from spilling onto the surface upon which said support means rests should said water holding means begin to lead due to the water holding capacity of the recess, a second flexible water holding means removably surrounding said support means, said frame means, and said water holding means for preventing leaking water somehow spilling over the uppermost portion of the top surface of said frame means from leaking onto the surface upon which said support means rests, said support means including a plurality of uniformly spaced vertical holes therein, said support means having a water holding capacity at least equal to that of said water holding means.

* * * * *