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BOX SPRING WITH SAFE RECEPTACLE

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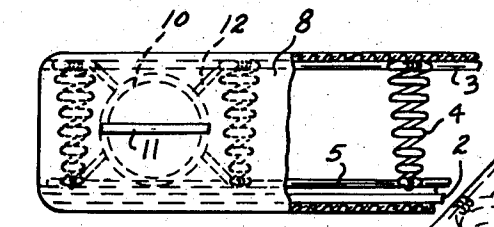


Fig-1

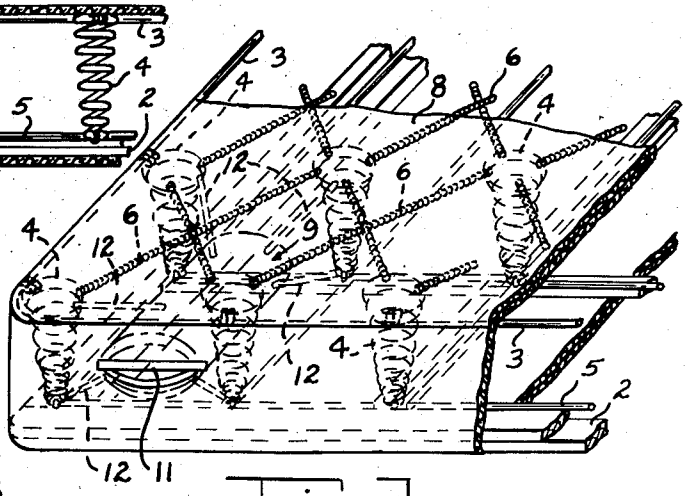


Fig-2

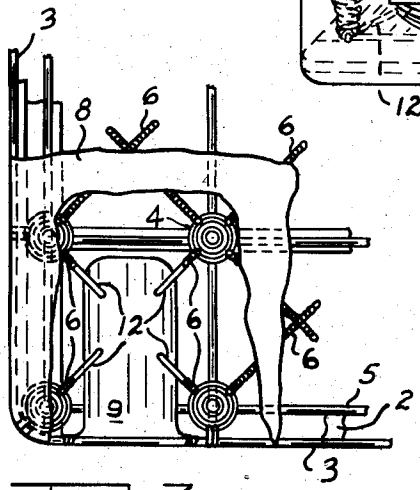


Fig 3

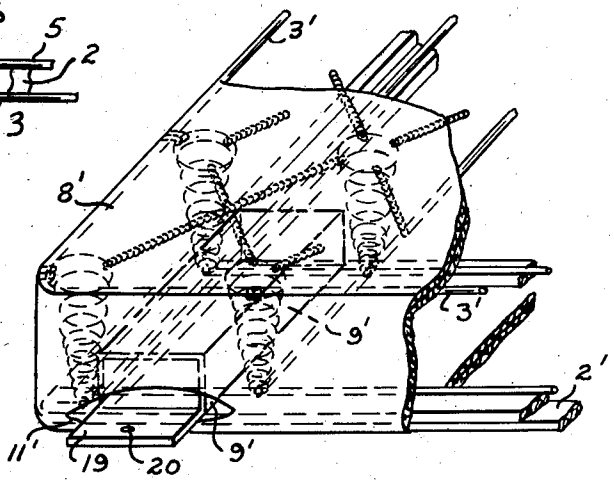


Fig-4

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BOX SPRING WITH SAFE RECEPTACLE

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6 Claims. (Cl. 5—317)

This invention relates to depositories for valuables and more particularly to the incorporation of a safe receptacle in a box spring or similar structure in a manner to provide improvements in the art. The invention is particularly directed to effecting a simple and economical means for adequately storing valuables overnight.

While the invention will be described with reference to box spring structures, it will become readily apparent that the application of the invention concept is not so limited.

Many devices have been provided for safekeeping valuables overnight which are either too expensive or inconvenient for ordinary installations or else quite unsatisfactory. In the area of the invention it has been contemplated in the prior art, for example, that a mattress may be formed with indentations in its outer surface for deposit of valuables for safekeeping. This is inconvenient and can cause discomfort to the person sleeping on the mattress and if the indentation is readily accessible or discernable, it could induce theft of the valuables placed therein.

The present invention has a primary objective of providing improvements in means for safekeeping of articles overnight whereby such means can be provided simply and economically, even in hotels and motels. In a preferred embodiment it provides a concealed yet readily accessible safe receptacle incorporated in an improved manner within a box spring structure.

Another object of the invention is to provide improved means for safekeeping valuables overnight in a structure such as a box spring wherein access to such means is through a blind opening.

A further object of the invention is to provide improvements in resilient structures such as box springs whereby to incorporate a safe receptacle in generally floating relation to the spring structure.

An additional object of the invention is to provide improvements in rest structures such as box springs whereby to connect a safe type receptacle in contained relation to the box spring structure, hidden from the eye or the touch of the observer.

Another object of the invention is to provide means particularly adapted to store valuables overnight for safekeeping possessing the advantageous structural features, the inherent meritorious characteristics, and the mode of operation herein described.

With these and other objects in view as will more fully appear in the specification, the invention intended to be protected by Letters Patent consists of the features of construction, the parts and combinations thereof, and the mode of operation hereinafter described or illustrated in the accompanying drawings, or their equivalents.

Referring to the drawings wherein illustrative but not necessarily the only forms of embodiment of the invention concept are shown,

Fig. 1 shows a fragmentary side view of a box spring unit incorporating a receptacle for safekeeping valuables in accordance with the invention;

Fig. 2 is a top perspective view of the device illustrated in Fig. 1;

Fig. 3 is a top view of the device of Fig. 1; and

Fig. 4 is a top perspective view showing a further embodiment of the invention.

The invention concept can be best described with reference to the drawings wherein a box spring is shown including a conventional lower wooden frame **2** and a wire type upper frame **3**. These frames are connected and maintained in vertically spaced relation by inverted conical springs **4**. The springs **4** are arranged in longitudinally and transversely spaced relation, their lower ends being engaged to wires **5** fixed over the lower frame elements in rectangularly intersecting relation in the conventional manner. The springs **4** around the peripheral edge of frame **2** are suitably connected at their upper ends to the wire frame **3** while adjacent pairs of the springs are interconnected at their upper ends by diagonally intersecting coil springs **6**. Suitable padding lies over the frame **3** and under the frame **2**, contained thereto by a fabric cover **8**.

A pouch **9** formed of flexible fabric is arranged within the spring structure to one end spaced between the frames **2** and **3** and intermediately of adjacent rows of springs **4**. As shown, one end of the pouch is open and lies adjacent the inner surface of the cover **8** to one side of the spring assembly. The open end of the pouch has a flange type extension **10** which is preferably connected to the cover **8** by being stitched to its inner surface. The cover **8** opposite the opening in the pouch is slit and stitched to provide a blind opening **11** in communication with the interior of the pouch. If desired, a "zipper" or other closure means for the slit in the cover may be added. The pouch **9** is floatingly supported within the box spring by cords **12** respectively suitably connected to the pouch and to adjacent springs **4** in spaced opposite fashion about and longitudinally of the pouch.

The pouch thus provided is completely hidden and contained in floating relation within the box spring, making it difficult to feel or perceive its presence. If desired, the pouch may be of a fireproof fabric. It is noted that its suspension renders it free of undue stress applications also.

It should be readily obvious how economical a device is provided for safekeeping of valuables, particularly overnight at hotels and motels.

A further embodiment is shown in Fig. 4 of the drawings. The conventional spring structure is identical with that described with reference to the preferred embodiment of the invention and need not be further detailed. The lower wooden frame **2** is conventionally formed of rectangularly intersecting beams **2'**. A rectangular receptable **9'** is provided of metal or other suitable fireproof material suitable fixed to spaced beams **2'** within the box springs so one end **19** lies immediately within the fabric cover **8'** at one side of the box spring. In this instance the blind opening **11'** which is provided in the cover **8** opposite the end **19** of the receptacle is extended in nature beyond the lateral extremities of the end **19**. The end **19** consists of a hinged plate forming a closure for the receptacle and including a lock means **20** for engaging with means on the body of the receptacle to seal it. As can be seen in Fig. 4 of the drawings, the plate **19** hinges outwardly to extend through the blind opening **11'** when communication with the interior of the receptacle is necessary .

Thus, the invention concept and application has been practically illustrated. Its efficiency and economy in use should be apparent to those versed in the art.

From the above description it will be apparent that there is thus provided a device of the character described

possessing the particular features of advantage before enumerated as desirable, but which obviously is capable of modification in its form, proportions, detail construction and arrangement of parts without departing from the principle involved or sacrificing any of its advantages.

While in order to comply with the statute, the invention has been described in language more or less specific as to structural features, it is to be understood that the invention is not so limited, but that the means and construction herein disclosed comprises the preferred form of several modes of putting the invention into effect, and the invention is therefore claimed in any of its forms or modifications within the legitimate and valid scope of the appended claims.

Having thus described my invention, I claim:

1. In combination, in a resilient structure including an upper frame unit, a lower frame unit, springs interposed between and connecting said frame units at longitudinally and transversely spaced positions, a receptacle having means providing an opening to one end disposed intermediate said frame units and spaced relative said springs, means covering and enclosing said frame units and receptacle, means providing a blind opening in said covering means, the means providing the opening to said receptacle abutting the inner surface of said covering means and maintained in communication with the blind opening in said cover means.

2. In combination, in a resilient structure including frame units having springs interposed therebetween at spaced intervals, a flexible receptacle having means defining an opening thereto, fabric type means covering said frame units and enclosing said receptacle, said receptacle being spaced intermtdiate said frame units and said springs, the means defining the opening to said receptacle abutting the inner surface of said covering means, means defining a blind opening in said covering means communicating with the opening in said receptacle, and means for mantaining the communicating relation of said receptacle to said blind opening.

3. In combination, in a resilient structure such as a box spring including spaced frame units having springs interposed therebetween at spaced intervals, a flexible fabric receptacle, means supporting said receptacle intermediate said springs in floating relation thereto, means covering and enclosing said frame units and receptacle, and means defining an opening in said covering means in communication with said receptacle.

4. In combination, in a resilient structure such as a box spring including frame units and spring means connecting said frame units at spaced intervals, A receptacle in fixed relation to at least one of said frame units having means providing an opening therein, a cover confining said frame units and receptacle having a blind opening opposite said means providing an opening to said receptacle, said receptacle being formed of fireproof material and the means providing the opening thereto having lock means normally sealing said receptacle.

5. In combination, in a resilient structure including an upper frame and a lower frame and springs interposed therebetween and connecting said frames at spaced intervals, pouch means spaced intermediately of said frame units, means connecting said pouch means in floating relation to said springs and a cover for said frames containing said pouch means in floating relation to said springs, said pouch means having an opening in relatively abutting relation to the inner surface of said cover and a blind opening in said cover communicating with the opening in said pouch means.

6. In combination, in a resilient structure including frame means having springs connected at spaced positions, a generally flexible fireproof pouch, flexible connectors connecting said pouch to spaced springs to maintain it within said frame means, and an enclosing cover for said frame means and pouch having means for communicating with said pouch.

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