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FIRE ESCAPE

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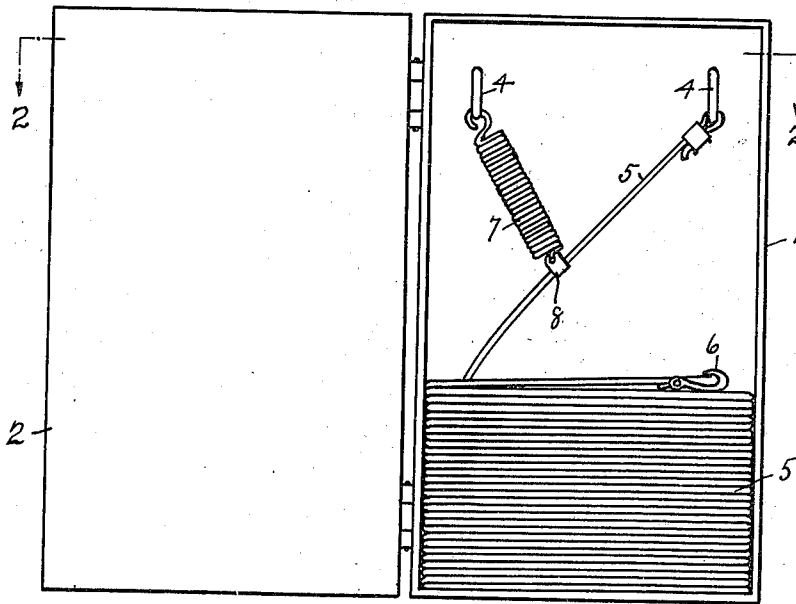


FIG. 1.

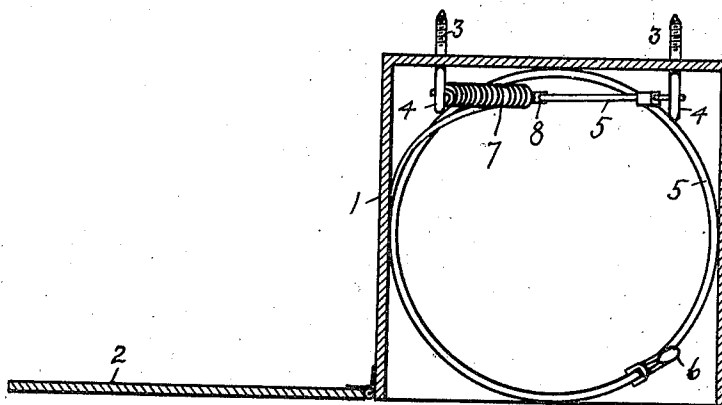


FIG. 2.

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## UNITED STATES PATENT OFFICE

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## FIRE ESCAPE

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1 Claim. (Cl. 227—19)

This invention relates to improvements in fire escapes and has for its object to provide a simple and efficient device that can be secured to the wall on the inside of a dwelling, near a window, and held in a compact condition, ready for use at any time.

A further object of the invention is to so construct the device that when weight is placed on the cable, or chain, a coiled spring would be brought into operation to afford a cushioned effect and relieve the strain on the eye bolt to which the cable, or chain, is connected.

The invention consists of the novel construction and arrangement of the parts and combination of parts hereinafter more fully set forth in the following specification, and pointed out in detail in the appended claim.

Figure 1 is a front elevation of my invention in the open position, ready for use.

Figure 2 is a section on the line 2—2 of Figure 1.

Referring to the accompanying drawing, forming part of this specification, and in which like reference numerals designate like parts throughout the several views thereof, 1 designates a box, preferably made of metal, and having a hinged door 2. The box is held to the wall of the building on the inside of a room, near a window, by the eye bolts 3 which have the eyes 4 on the inside of the box 1. The cable 5 is secured by one end to one of the eyes 4 and is adapted to be wound in the box 1, as shown in Figure 1 of the drawing, and has a snap hook 6 on its other end. A coiled spring 7 is secured by one end to the

other eye 4 and has its opposite end secured to the cable 5 by the clamp 8. When the device is not in use, it is folded, as shown in Figure 1 of the drawing, and the door 2 is kept closed, and when the device is to be used, the cable is removed from the box and dropped out the window. When anyone is sliding down, or otherwise using the cable, the strain will not all be on the eye to which the cable is connected, but will pull against the spring 7 and form a cushioned effect. A person can be lowered down with the cable by placing the same around the body and snapping the cable in the snap hook 6. It will thus be seen that the weight on the cable 5 has a tendency to pull it down in vertical alignment with the eye to which it is secured, thereby pulling on the spring 7, thus forming a cushioned effect and placing the strain on both of the eyes 4.

Instead of using the cable 5, as heretofore referred to, a chain may be employed.

Having thus described my invention, what I claim is:

A fire escape comprising a box, two eye bolts in horizontal alignment projecting through the back of said box and adapted to hold it to a wall, a cable having one end secured to one of said eye bolts and adapted to be held in said box when coiled and having a snap hook secured to its free end, a coiled spring having one end secured to the other eye bolt and its opposite end secured to said cable, and a hinged door to close said box when the fire escape is not in use.

JACOB SUTT.