Nov. 30, 1943. J. C. KLINE 2,335,770

SAFETY DEVICE

Filed May 5, 1942

Fig. 1.

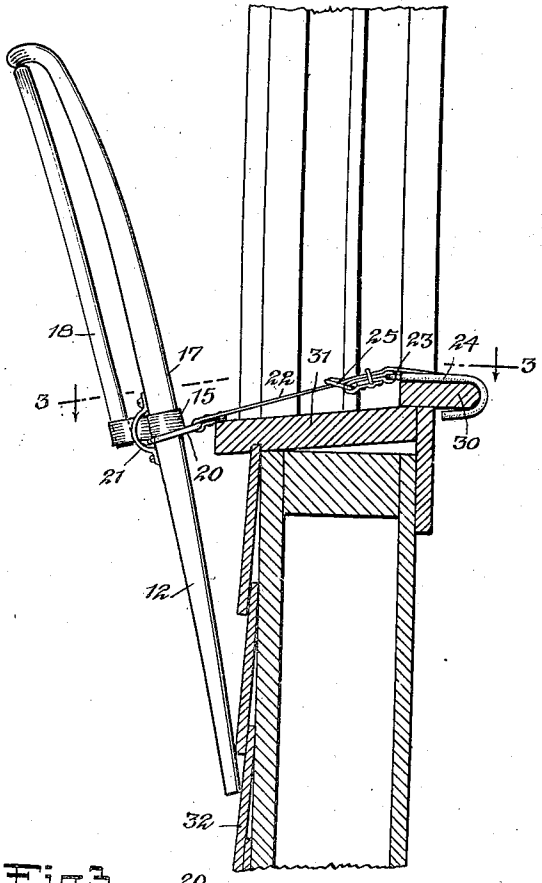


Fig. 2.

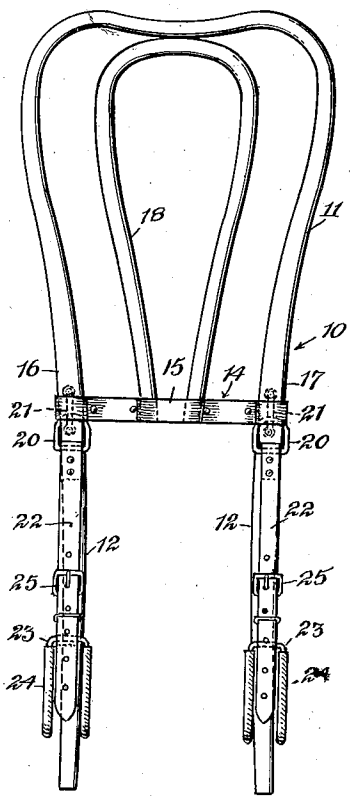


Fig. 3.

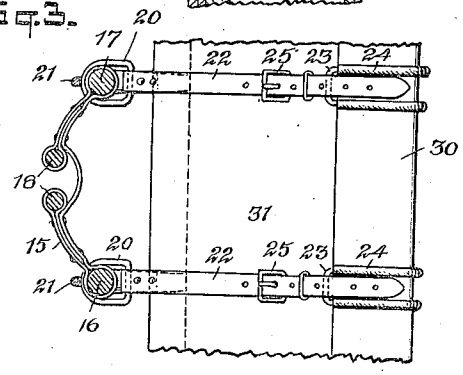
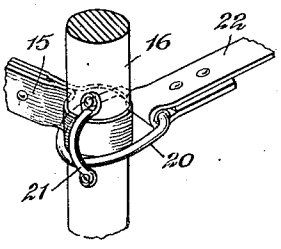


Fig. 4.



WITNESSES

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SAFETY DEVICE

Joseph Caleb Kline, Brooklyn, N. Y.

Application May 5, 1942, Serial No. 441,769

2 Claims. (Cl. 304—27)

This invention relates to a safety device, and more particularly to a safety device adapted to be used with the conventional window sill, to provide a seat in combination with the sill in order to enable a person to work on the outside of a window or to sit outside of the window on the sill for any desired purpose.

A further object is to provide, in combination with the sill, a simple safety chair in which the sill forms a seat for the subject matter of this invention, and a back or rest to allow a person to freely use both hands without danger of falling.

A further object of my invention is to provide a device of the character described which is simple and fool-proof in operation and which may be made economically of readily obtainable materials.

While I have shown a particular form in which a conventional back and the rear legs of a chair are used to form my device, the conceptive idea behind my invention is the use of a back-supporting member having extensions to rest against the side of a building and means for fastening the device to the inside of the window sill. Any type of back may therefore be used without departing from the spirit of my invention.

Referring to the drawing—

Fig. 1 is a side view showing my device applied;

Fig. 2 is a front view of the device;

Fig. 3 is a cross-sectional view taken on the line 3—3 of Fig. 1;

Fig. 4 is a detail view showing the manner of fastening the straps in the preferred form of my invention.

My device 10 consists of a back rest section 11, which may be the back of a conventional chair, having depending members 12. The bottom 14 of the back 11 may be rigid or constructed in any suitable way and it may be joined by the flexible members 15 engaging the side members 16 and 17 and the center portion 18 of the back. This construction is flexible and has been found to be more comfortable than a rigid back.

Surrounding the members 16 and 17 are rings 20. Each ring 20 is kept from moving along the member beyond certain limits by a keeper 21 secured to the member and which incidentally may also cover the flexible member 15 to prevent its slipping. Fastened to the rings 20 are straps 22 of any suitable material. The straps 22 have at their outer ends hooks 23 which may be covered with leather or other material to prevent injury to the woodwork. While in a standard size the straps may be of a predetermined length, in the preferred form of my invention a conventional buckle 25 is provided to adjust the straps for the different width of sills.

In application the hooks 23 engage the ledge 30 of the sill 31 and the entire apparatus may then be placed through the window. The depending members 12 engage the side 32 of the building and provide a firm rest. A person may then sit on the sill 31 with his back against the back portion and rest comfortably while he proceeds with whatever work or function he has to perform. If washing or repairing windows, for instance, both hands will be free to do the work and there will be no danger of falling. As previously stated, my device may be made of any number of materials and may be varied considerably without departing from the spirit of the invention.

It will be appreciated that while I have shown and described my device as used in combination with a sill to form the seat, a seat folding or otherwise may be added without departing from the spirit of my invention, and that numerous other modifications may be likewise made.

I claim:

1. A safety device adapted to be positioned outside of a conventional window and to form with the sill thereof a seat, said device including elongated members joined at their upper ends, flexible means connected with said members between them to form a back rest, the lower end of said members being adapted to engage the side of a building, a strap engaging each of said elongated members, and means on each of said straps to grip the sill of the window.

2. A safety device for use in conjunction with a window sill to provide a chair, said device comprising a structure providing a back rest for disposition above the sill and leg members integral with the back rest and extending downwardly so as to contact the side of the building below the sill, a ring loosely engaged with each leg member, a hook, a strap having one end connected with the ring and the other end connected with the hook, and means on the leg member to keep the ring from moving along the member beyond certain limits.

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