Nov. 5, 1946. C. ANDERSON 2,410,475

FLOOR OR WALL SAFETY BOX

Filed April 26, 1944

Fig. 1.

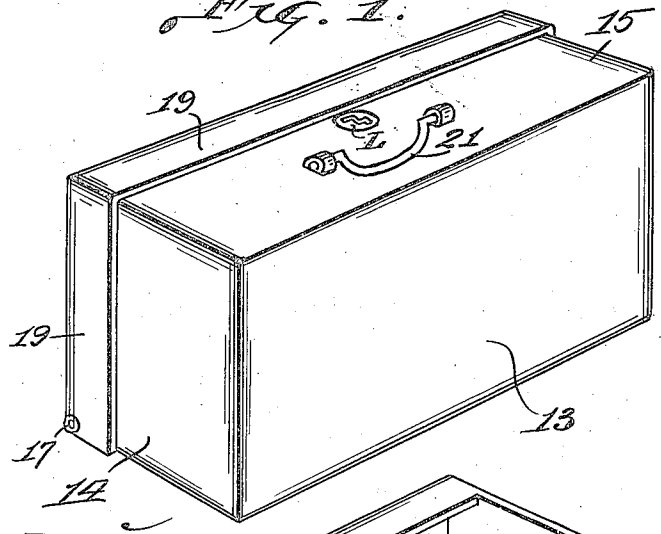


Fig. 3.

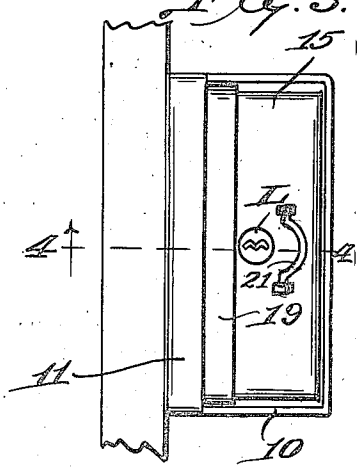


Fig. 2.

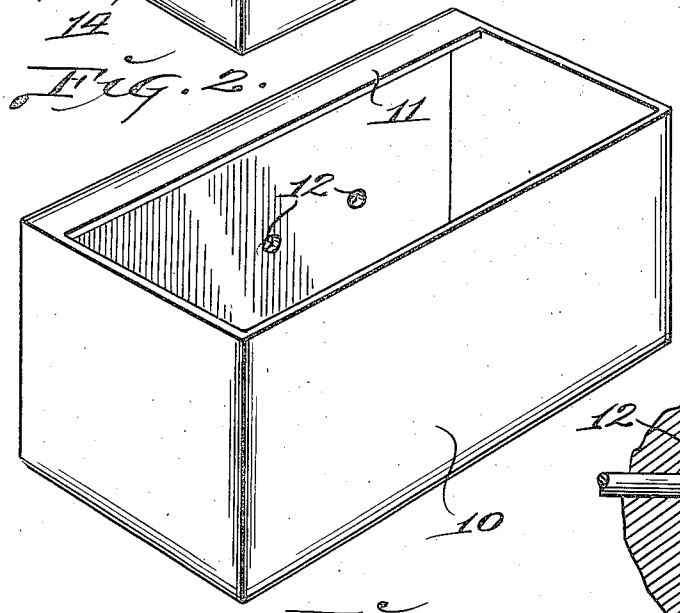


Fig. 4.

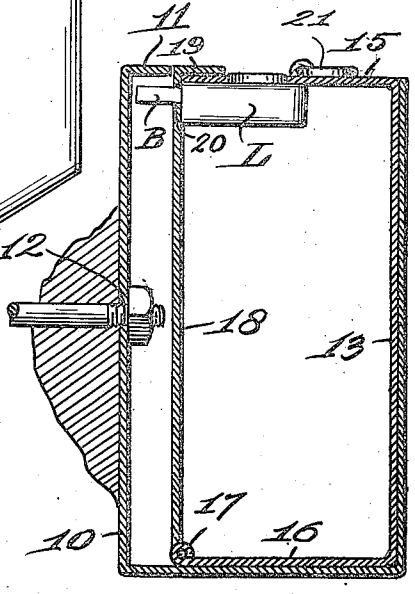
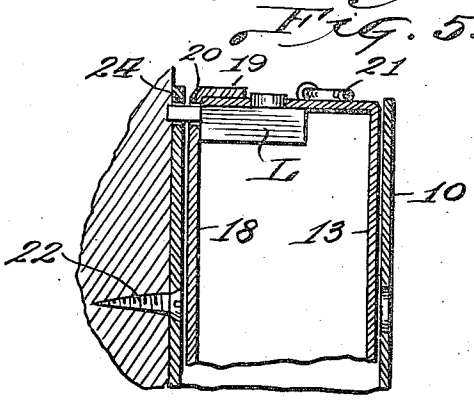


Fig. 5.



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FLOOR OR WALL SAFETY BOX

Church Anderson, Arcadia, Calif.

Application April 26, 1944, Serial No. 532,923

3 Claims. (Cl. 109—52)

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My invention relates to a safety box particularly designed for use in households and the like for the storage and safe keeping of valuables and the principal object of my invention is, to provide a simple, inexpensive and highly effective safety storage box which may be securely anchored in the floor or wall of a building, so that it will be practically impossible for thieves or unauthorized persons to remove or open the box.

A further object of my invention is, to generally improve upon and simplify the construction of existing forms of household safety boxes and provide a construction which includes an outer housing anchored to studs or floor joists, with a box or container removably positioned in said housing, with means for locking the box within the housing so as to effectually prevent the removal and opening of the box, by persons other than those holding keys for the lock and at the same time, completely frustrating efforts to gain access to the anchoring means for the housing.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts, which will be hereinafter more fully described and claimed and illustrated in the accompanying drawing, in which:

Fig. 1 is a perspective view of the safety box or container.

Fig. 2 is a perspective view of the housing which is anchored to a building element or the like and which receives the safety box.

Fig. 3 is a plain view showing the structure assembled and positioned upon a floor joist or the like.

Fig. 4 is an enlarged vertical section taken on the line 4—4 of Fig. 3.

Fig. 5 is a vertical section taken through the upper portion for modified form of the safety box.

Referring by numerals to the accompanying drawing which illustrates a preferred embodiment of my invention, 10 designates the housing or container which is substantially rectangular in shape, formed of hard sheet metal or plates and comprising front rear and end walls also a bottom.

Integral with the upper edge of the rear wall of the housing and with the rear portion of the upper edges of the end walls is a horizontally disposed flange 11, having a width of from one half to one inch, more or less, depending on the size of the complete structure.

Formed in the rear wall of the housing are apertures such as 12, for the reception of the

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screws or bolts used in anchoring the housing to a stud, floor joist, or other building element.

The safety box or receptacle which is adapted to be positioned in housing 10 by being entered through its open top, is constructed from sheet steel or plates and comprises a front wall 13, end walls 14, and top and bottom walls 15 and 16 respectively.

This box is rectangular in form and of such size as to completely fill the chamber with housing 10, except the narrow space immediately adjacent the rear wall of said housing and below flange 11.

Connected by a hinge 17, preferably of the piano type, to the rear edge of bottom wall 16 of the box, is a cover 18, of sheet metal or plate and formed on the ends and upper or free edge of said cover, are flanges 19, which when the cover is closed, overlie portions of the top wall 15 and end walls 14 of the box.

Secured to the under face of top wall 15 of the box is a lock L which may be key actuated or of the combination type and the belt B of which lock is adapted to pass through an aperture 20 in cover 18 and to project a substantial distance beyond the free edge of flange 11.

If desired, a suitable keeper (not shown) may be secured to the under face of flange 11 for the reception of the bolt, when same is moved into locking position. In order to conveniently handle and manipulate the box while being removed from and placed in the housing, a handle 21 may be mounted on top wall 15.

The width of the box is such that, with bolt 13 of the lock retracted, said box can be placed in the housing by moving it downward through the open top between flange 11 and the front wall of said housing and thus, when the box has been entered, its upper end completely closes the opening in the top of the housing.

When the bolt of the lock is projected into position beneath flange 11, the box will be securely locked in the housing and under such conditions, the screws or bolts that anchor the housing to the building are inaccessible, thus effectually preventing bodily removal of the housing and box contained and locked therein.

If desired the walls of both housing and box may be covered and lined with sheets of asbestos or the like, thus materially increasing the protection for the contents of the box, against fire.

In Fig. 5 I have shown a modified construction wherein the housing 10 is not provided with the flange 11 and said housing being attached to a joist or stud by screws 22 having countersunk

heads. Thus the rear wall of the safety box may occupy a position immediately adjacent the rear wall of the housing and to enable the screws to be driven into the support for the structure, apertures such as **23** are formed in the front wall of the housing **10**, in alignment with the screw holes in the rear wall.

In this construction the bolt of the lock when projected, passes through an aperture **24** in the rear wall of the housing which aperture is in registration with aperture **20** in rear wall **18** of the box.

Thus it will be seen that I have provided a household safety box or container which is simple in structure, inexpensive of manufacture and very effective in performing the functions for which it is intended.

It will be understood that minor changes in the size, form and construction of the various parts of my improved safety box may be made and substituted for those herein shown and described without departing from the spirit of my invention the scope of which is set forth in the appended claims.

I claim as my invention:

1. In a safety box, a housing open at its top and provided in its rear wall with openings for fastening means, a flange projecting inwardly from the upper edge of the rear wall of said housing, a box adapted to be positioned within and

removed from said housing through the opening between said flange and the upper edges of the front and end walls of said housing, a hinged door forming one of the walls of said box, a lock on the underside of the top of said box, said door having an opening near its free edge and the bolt of which lock is adapted when projected, to pass through the opening in said door and to occupy a position beneath the flange on said housing.

2. A safety box as set forth in claim 1 and marginal flanges on three sides of said door for overlying portions of the corresponding walls of the housing when the door is closed.

3. In a safety box, the combination with a housing having an open top, and a rear wall, the latter being provided with apertures for the reception of fastening means and a flange projecting inwardly from the upper edge of said rear wall, of a box adapted to be removably positioned within said housing, a door for said box the width of which box is less than the width of the chamber in the housing so that when the box is positioned, within the housing, a space is provided between the door of the box and the rear wall of said housing below said flange and a lock on said box for simultaneously locking the door to said box and locking said box in said housing.

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