No. 770,142. PATENTED SEPT. 13, 1904.

E. M. WOOD.

STRONG BOX FOR VALUABLES.

APPLICATION FILED JAN. 2, 1904.

NO MODEL.

Fig. 1.

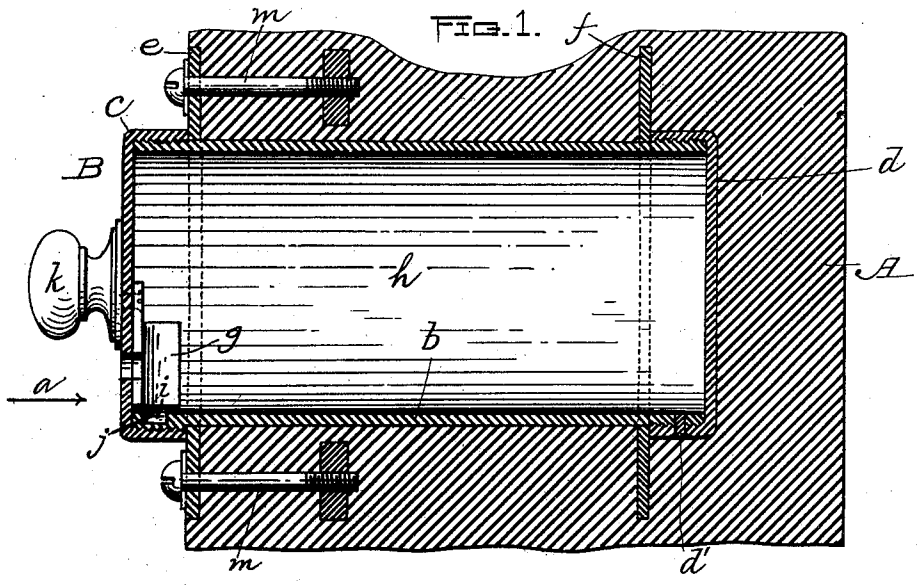


Fig. 2.

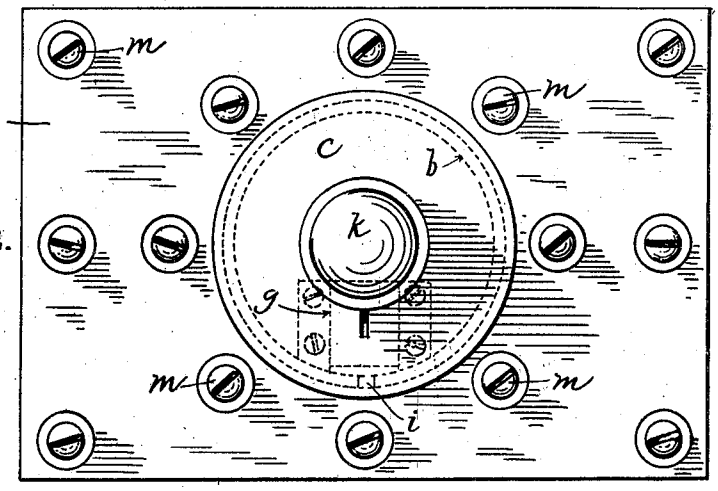
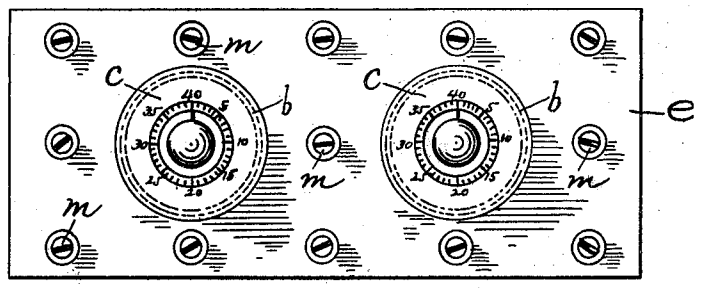


Fig. 3



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UNITED STATES PATENT OFFICE.

EDWARD M. WOOD, OF WORCESTER, MASSACHUSETTS.

STRONG-BOX FOR VALUABLES.

SPECIFICATION forming part of Letters Patent No. 770,142, dated September 13, 1904.

Application filed January 2, 1904. Serial No. 187,426. (No model.)

To all whom it may concern:

Be it known that I, EDWARD M. WOOD, of the city and county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Strong-Boxes for Valuables; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 represents a central vertical section through part of the wall of a building and my said improved strong-box fitted and secured therein. Fig. 2 is an end view looking in the direction of arrow *a*, and Fig. 3 is a similar end view showing a modification in the construction hereinafter described.

The object of my invention is to provide a simple and inexpensive strong-box or small safe for the storage of valuables to take the place of an ordinary safe such as is commonly used for that purpose; and it consists of a metal cylinder or pipe forming the main body of the device, externally threaded at both ends and provided with internally-threaded caps, one cap (the inner one) being permanently secured to the end of the cylinder and the other or outer cap made removable and provided with means for removing it and also with means for locking it, said cylindrical body also being provided with transverse plates, one at each end, just inside of the aforesaid caps for holding said cylindrical body in position longitudinally, while at the same time permitting it to turn, as will be hereinafter more fully set forth.

In order that others may better understand the nature and purpose of my said invention, I will now proceed to describe it more in detail with reference to the accompanying drawings.

In said drawings, A represents part of the wall of a building, and B my improved strong-box or safe fitted and secured therein, as is shown in Fig. 1.

The part *b* represents the metal cylinder before alluded to forming the body of the device. *c d* are the caps secured to the ends thereof; *e f*, the transverse plates, and *g* a lock for fastening and unfastening the outer cap *c*. Both ends of the cylindrical body *b* are externally threaded, and the end caps are internally threaded to fit over the same. The cap *d* at the inner end of the cylindrical body after having been turned thereon is permanently fastened by a transverse pin *d'* or other suitable means; but the cap *c* at the outer end of said cylindrical body, being designed to be removed to place and remove valuables within and from the receptacle *h*, formed by the cylindrical body and said caps, is not fastened permanently, but provided with a suitable lock *g* for locking and unlocking the cap *c* to and from the cylindrical body. As various kinds of locking devices may be employed for this purpose, I do not limit myself to the use of any special lock. In this instance I have shown in Figs. 1 and 2 a lock of ordinary construction attached to the inner face of cap *c* and whose bolt *i* is adapted to enter a lateral slot *j* or its equivalent in the cylindrical body. Said cap *c* may be provided with a knob or other suitable handle *k* for turning it off and on the end of the cylindrical body. Just inside of and against the inner cap *d* is arranged the transverse plate *f*, previously referred to, which serves to hold the cylinder from being withdrawn from the wall when fitted therein, the masonry being built up against each side thereof, as is shown in Fig. 1. The cylinder is preferably fitted loose in said plate, so as to permit it to turn for the purpose hereinafter explained, but is securely held from being withdrawn by the inner end of cap *d* coming against said fixed plate. If desired, a similar transverse plate *e* may be used at the outer end of the cylinder just inside of its removable cap *c* to prevent the device being drawn outward from the wall by removing the masonry outside of the inner end thereof; but as this is not an essential feature of my invention I do not limit myself thereto. When said plate *e* is used, it is desirable to fasten the same by means of suitable bolts *m*, extending through the same and into the masonry. In place of said plate being a separate member it may be formed directly on the cap in the form of a flange, in which case it would re-

quire no fastening, the device being held longitudinally by the inner plate *f*.

The cap *c* may be unlocked and readily removed by unturning it from the end of the cylinder, as it is fitted to turn easily; but the inner cap, being secured thereto, cannot be turned from the rear without also turning the cylinder at the same time. Therefore if burglars remove the outer masonry they are prevented from obtaining access to the interior of said cylinder and are also unable to withdraw it from the wall without tearing away said wall entirely around the device.

It is obvious that a strong-box or safe of the nature described is applicable to many purposes—as, for instance, for apartment-houses, offices, private houses, &c., and being of simple inexpensive construction may be used in many cases where a safe of ordinary construction and expense would not be practicable.

If desired, several compartments may be arranged to come in one plate—as, for instance, in an office occupied by two or more tenants. In Fig. 3 I have shown two of said compartments and the same provided with ordinary combination-locks instead of a common lock such as shown and described in the first instance.

In practice the outer cap of the device and plate *e*, if used, are designed to be nickel-plated or otherwise finished so as to present a neat tasty appearance when fitted in position, as is shown in the drawings.

Having described my invention, what I claim therein as new, and desire to secure by Letters Patent, is—

A strong-box for valuables comprising in combination, a cylindrical body having externally-threaded ends, internally-threaded caps fitted over said ends, one cap being permanently secured thereto and the other removable therefrom, means for locking said removable cap, a transverse plate or plates fitted over said cylindrical body adapted to hold said body longitudinally and to permit its turning, and the wall or body in which said strong box is placed, substantially as and for the purpose set forth.

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Witnesses:
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