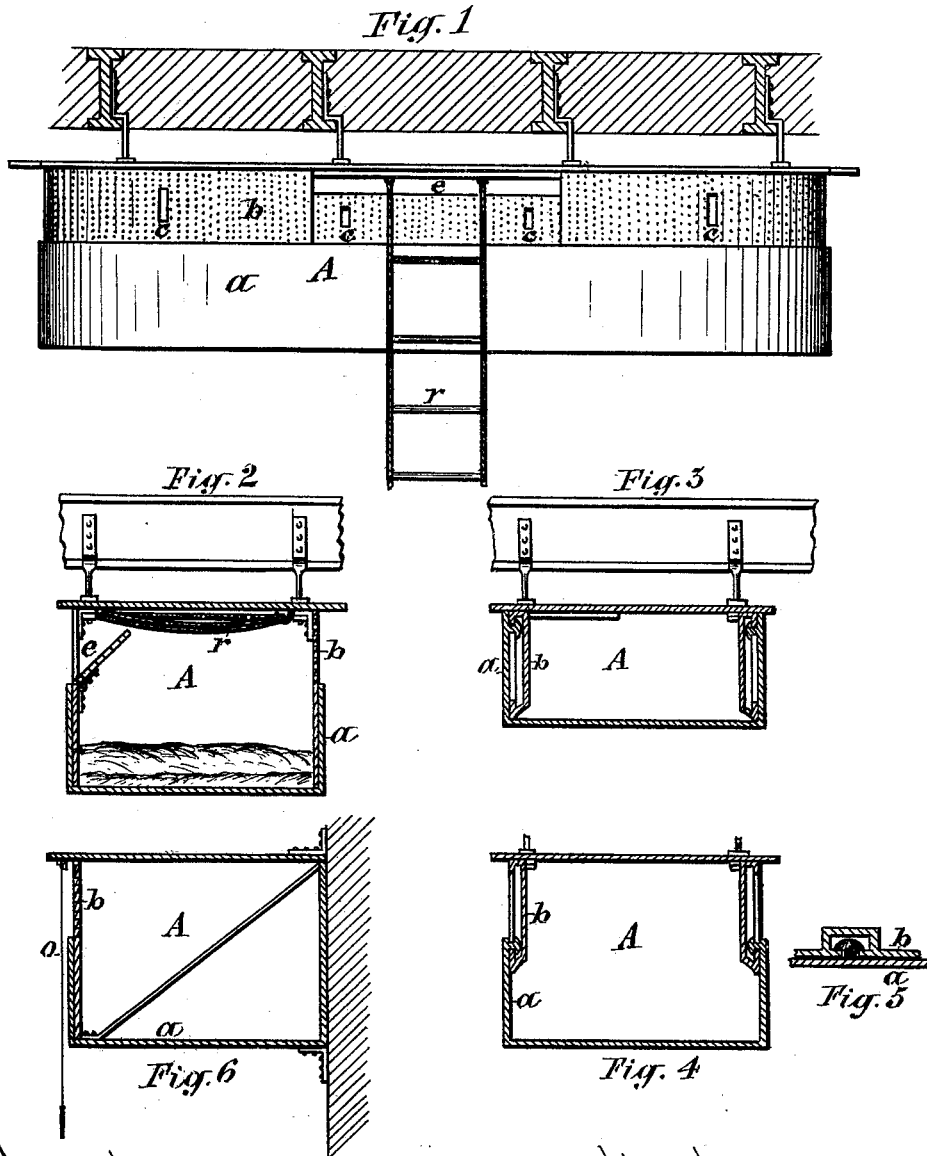


V. E. CAMPBELL.
 BANK-GUARD PROTECTOR.

No. 180,843.

Patented Aug. 8, 1876.



WITNESSES
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UNITED STATES PATENT OFFICE.

VALENTINE E. CAMPBELL, OF BREWERTON, NEW YORK.

IMPROVEMENT IN BANK-GUARD PROTECTORS.

Specification forming part of Letters Patent No. 180,843, dated August 8, 1876; application filed April 5, 1876.

To all whom it may concern:

Be it known that I, VALENTINE E. CAMPBELL, of Brewerton, in the county of Onondaga, in the State of New York, have invented a new and useful Improvement in Bank-Guard Protectors, of which the following, taken in connection with the accompanying drawing, is a full, clear, and exact description:

The object of this invention is to protect the guards or watchmen of banks and depositories of valuables, or other institutions and places requiring protection against burglaries, or attacks from enemies or invaders, and, at the same time, promptly give the guard the alarm of any approach or attack of burglars or enemies, and enable the guard to safely defend himself and premises against such attacks.

The invention consists of a case or inclosure made of iron or other suitable material to render it fire-proof and impervious to projectiles from pistols and similar fire-arms, and of any suitable and convenient dimensions and shapes adapted to the purpose, and the locality or structure to which it is to be attached, and provided with proper apertures for taking observations and using fire-arms from the interior, and removable or adjustable approaches, all constructed and arranged as hereinafter fully described.

The accompanying drawing fully illustrates my invention, wherein Figure 1 is a side view, showing the ports or apertures for taking observations and firing arms from the interior, and also the approach to the inclosure. Fig. 2 is a transverse section of same; Fig. 3, a sectional view of the inclosure constructed to be contracted in depth by telescoping the lower over the upper section. Fig. 4 is a sectional view of same extended for use; Fig. 5, an enlarged sectional view of that part thereof which guides and holds the two sections in and to each other, and Fig. 6 shows my invention attached to the wall.

Similar letters of reference indicate corresponding parts.

A is the fire and shot proof case or inclosure, represented in the drawing in the form of a berth convenient for one person. It

can be constructed to render it either rigid in form, or capable of either folding or telescoping into a small compass, as shown in Fig. 3 of the drawing, to adapt it to rooms with low ceiling. The lower portion, *a*, with probably the exception of the bottom, is solid to about half the height of the sides, the bottom in some instances requiring ports to prevent attack from underneath.

The upper portion, *b*, of the sides is either finely perforated, or provided with proper apertures or lookouts, to enable the guard inside to obtain a full view of the surroundings. At proper points in this portion of the sides are also apertures or ports *c c*, through which the guard can use weapons to repulse the attack of burglars or enemies. These ports are arranged to be closed from the inside by movable shutters.

e is the entrance to the inclosure. Its position and construction depend mainly on the location of the inclosure, and can be placed wherever access is most desirable, it being intended to place the case or inclosure at an elevated position, so as to obtain a better view of the premises and greater security for the guard. The approach is made of a rope ladder, *r*, secured at one end to the case or inclosure, which ladder the guard, after entering the inclosure, draws up and secures inside, as shown in Fig. 2 of the drawing.

My invention may be either attached to the ceiling, as shown in Figs. 1, 2, and 3, or to the wall, as represented in Fig. 6 of the drawing.

For the purpose of further protecting the guard the inclosure is surrounded by a screen, *o*, of such texture or material as to render it transparent from the inclosure A only, thus concealing from the outside the construction of the inclosure and the position of the guard.

By constructing the inclosure A of sheet-metal it becomes a sensitive conveyer of sound, so that it is almost impossible for a person to enter the premises without awaking the guard. If other material is used in its construction extra reverberant devices may be employed. Telegraphic communication can be established from the inclosure or case A to the police-headquarters, to enable the guard to promptly give the alarm.

Having thus described my invention, what I

claim as new, and desire to secure by Letters Patent, is—

The shot and fire proof berth A, consisting of the solid lower section *a*, the upper section *b*, provided with perforations or lookouts for taking observations, and apertures or ports *c*, for using weapons from the interior, and the entrance *e*, provided with a removable or adjustable approach, constructed and arranged as described and shown, for the purpose set forth.

In testimony whereof I have signed my name and affixed my seal in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga and State of New York, this 30th day of March, 1876.

VALENTINE E. CAMPBELL. [L. S.]

Witnesses:

EMIL BENDIXEN,
C. HOLMSTREUP, Jr.