

C. F. MEILINK.
WALL SAFE.
APPLICATION FILED APR. 23, 1909.

960,981.

Patented June 7, 1910.

FIG. 1

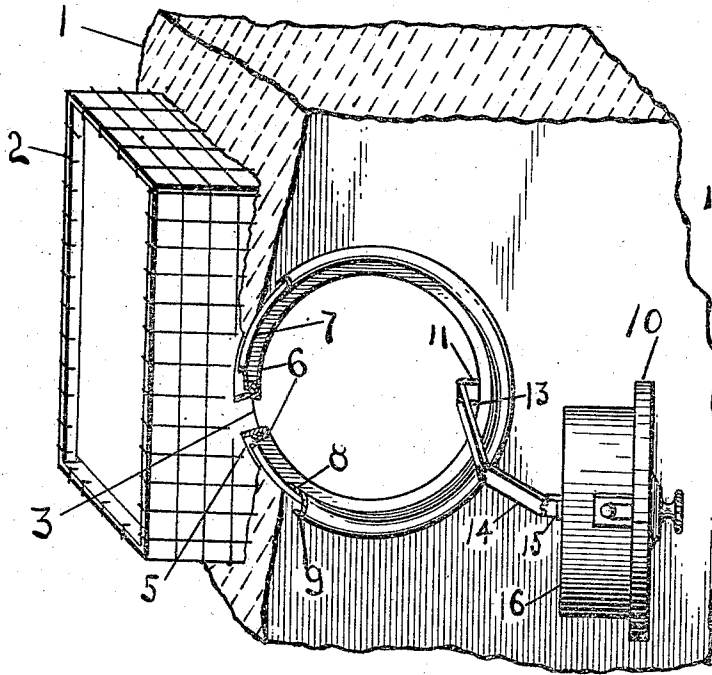


FIG. 4

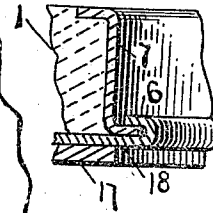


FIG. 2

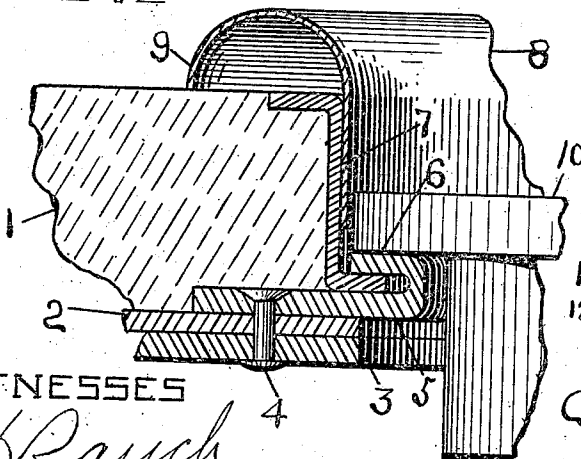
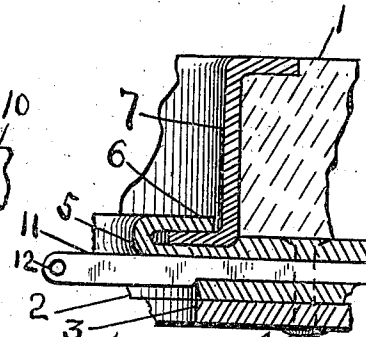


FIG. 3



WITNESSES

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CHARLES F. MEILINK, OF TOLEDO, OHIO, ASSIGNOR TO THE MEILINK MANUFACTURING COMPANY, OF TOLEDO, OHIO, A CORPORATION OF OHIO.

WALL-SAFE.

960,981.

Specification of Letters Patent.

Patented June 7, 1910.

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To all whom it may concern:

Be it known that I, CHARLES F. MEILINK, a citizen of the United States, residing at Toledo, Lucas county, Ohio, have invented a new and useful Wall-Safe, of which the following is a specification.

This invention relates to efficient and economical features of wall safe construction.

This invention has utility when embodied in wall safes, especially of sheet metal construction.

Referring to the drawings: Figure 1 is a perspective view, with parts broken away, showing an embodiment of the invention in a wall safe embedded in a masonry wall; Fig. 2 is a fragmentary detail on an enlarged scale, showing section of the wall safe adjacent its opening; Fig. 3 is a view similar to Fig. 2, with the finish rim removed and of the portion of the rim or collar at that portion of the opening near where the hinge is mounted; and Fig. 4 is a section similar to Fig. 2, with finish rim removed, and illustrating mounting of the collar by direct flange integral with the safe box wall.

Embedded in the masonry wall 1 is the safe box 2 provided with the opening 3 around which the rivets 4 serve to hold against removal the member 5, having integral therewith the return bend 6 forming a door jamb which serves to interlock and hold against removal the Z-shaped collar 7. Frictionally engaging with the inner side of the web of this collar 7 is the sleeve portion 8 of the adjustable and removable finish rim 9. The seating of the sleeve portion 8 of the finish rim is between the collar 7 and the door 10.

The hinge bracket 11 is riveted in between the safe wall and a compressed portion of the door jamb. This bracket 11 has hole 12 to permit connecting thereto of the extension hinge links 13, 14, connecting to the hinge bracket 15 on the lock housing 16 of the door 10.

The safe is shown as provided with a double thickness front wall, and in Fig. 4, the outer plate has a smaller opening than the inner plate 17. Within the opening of plate 17, the outer plate 18 is given a return bend to form the jamb 6 to interlock with the Z-collar 7.

In installing, the safe box 2 is built into the wall, preferably during erection of the building, the box having the opening 3

closed, while surrounding such closed opening is the collar 7, the outer shoulder of which serves as a smooth and substantial surface to "float" or finish to in plastering. When the walls are finished and decoration completed, the door 10 with its extension hinge, and the finish rim 9 are brought to the safe for attachment. The closure for the opening 3 is removed and hinge link 13 connected to the bracket 11, thereby mounting the door. The finish rim 9 is then slipped into position inside the collar 7 until its outer flange portion rests snugly against the finished wall, while the inner flange or sleeve portion 8 thereof frictionally holds the rim in position and extends into seating position around the door to finish between the door and the wall. For redecoration, the finish rim 9 may be readily slipped off and later re-placed as at first, by sliding to proper adjustment.

In this construction, the exposed parts when completed are a minimum, only two, the door and finish rim. The fixed collar 7, held against removal from the safe box, surrounds the finish rim and holds it in position. This collar 7, definitely fixes the location for the opening in the wall and provides an armored facing for such masonry opening, thereby eliminating trouble and muss incident to fracture and breaking away of material in installing the finishing features. The further feature of convenience in finishing to this collar, makes of it a most desirable element in the construction. When locked, the door bolts hold the door firmly seated against the jamb 6, and this jamb is so mounted as to actually make the door as much a part of the safe as any of its other wall portions. The features combine in simplicity and strength, with great manufacturing advantages due to fewness of parts as well as regularity of form. The particular configuration of the parts, as illustrative of an embodiment, are shown in this instance of curved or circular opening adaptation.

What is claimed and it is desired to secure by Letters Patent is:

1. The combination with a wall, of a safe embedded therein, said safe having an opening provided with a door frame making a joint with said wall, a door movable to seat in said frame, and a finish rim extending from between the edge of the door and the door

frame when the door is closed and overlapping the joint between the wall and door frame.

2. A wall safe having a collar constructed
5 to make a joint with the wall, a door seating
within the collar, and a finish rim extending
from between the edge of the closed door
and the collar and having a curved portion
overlapping the joint between the wall and
10 collar.

3. A wall safe having an opening, a finish
rim for the opening, and a collar mounted
on the safe, surrounding the finish rim and
forming a joint between the wall and col-
15 lar, said joint being overlapped by said fin-
ish rim.

4. A wall safe having an opening and a
member permanently and fixedly disposed
about said opening, and a collar carried by
20 the member, and forming a joint flush with
the surface of the wall.

5. A wall safe having an opening and a
member permanently fixed relatively to said
opening, and a collar interlocking with the
25 member to be held by the member against re-
moval, said interlocking being by tongue and
groove connection disposed radially as to the
opening.

6. A wall safe having an opening pro-
30 vided with a fixed flanged member, a collar

engaged by the flanged member and thereby
mounted permanently on the safe, and a
finish rim engaging the collar.

7. A wall safe having an opening, a door
jamb permanently fixed at said opening and
35 including a member extending into the
opening and bent back to form a door seat,
a door seating against said jamb door seat,
and a finish rim extending from the closed
door and adapted to extend over a wall, said
40 rim being adjustable toward and from the
jamb.

8. A wall safe having an opening, a Z-
shaped collar surrounding said opening
and means interlocking with the collar to
45 hold it in position against detachment or
removal, said means serving as a door jamb,
and a door coacting with said jamb.

9. A wall safe having an opening pro-
vided with a return bend door jamb, a col-
50 lar locked against detachment or removal
by said jamb, a door coacting with said
jamb, and a finish rim engaging said collar.

In testimony whereof I hereunto set my
hand in the presence of two witnesses.

CHARLES F. MEILINK.

Witnesses:

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GEO. E. KIRK.