

WALL SAFE.

980,305.

Patented Jan. 3, 1911.

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UNITED STATES PATENT OFFICE.

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WALL-SAFE.

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Specification of Letters Patent.

Patented Jan. 3, 1911.

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To all whom it may concern:

Be it known that I, HARVEY C. LOWRIE, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Wall-Safes, of which the following is a specification.

My invention relates to wall safes, and more particularly to means for securing a neat finish to the wall immediately surrounding the safe opening and also for protecting the said opening or the safe door during building operations.

My invention consists in the novel features hereinafter described and particularly pointed out in the appended claims.

Referring to the drawings forming a part of this specification, Figure 1 is a section through a portion of the front wall of a wall safe showing the safe opening, a portion of the surrounding plaster, and a telescopic trim which is adjusted to the surface of the plaster after the latter has been applied to the wall in which the safe is built. Fig. 2 is a side elevation of a temporary cover which is applied to the safe opening during building operations said cover having a band or sleeve E applied thereto for the purpose hereinafter described. Fig. 3 is a section corresponding to Fig. 1, showing the temporary cover in place, and Fig. 4 is a similar view showing a slightly modified form of safe construction which may be employed in carrying out the main features of my invention.

Referring to Fig. 1, A represents a surface of the finished wall in which the safe B is embedded, the latter being provided with an opening *b* said opening also extending through the plastering *a* or other finish which may be applied to the wall. The opening *b* is adapted to be closed by a permanent door, not shown.

The wall of the safe immediately surrounding the opening *b* is provided with a flange *b'* around which is placed a trim C, the latter being arranged to telescopically engage said flange so that it may be readily adjusted with reference to the surface of the finished wall, or the surface of the plaster *a* thereon, as will be readily understood.

During building operations, it is desirable to protect the safe opening by means of a temporary cover, and in Letters Patent No. 873,878, granted to me December 17, 1907, I show and describe a temporary cover de-

signed to be placed in the safe opening so that it occupies space which is afterward to be occupied by a permanent door and door-casing, these being supplied and applied after the wall is finished. In accordance with my present invention, the door casing may be integral with the wall of the safe, and the permanent door may, if desired, be secured to the safe prior to building operations; but owing to liability of the parts of the door locking mechanism becoming corroded from dampness, it is usually advisable not to place the door in position until the wall in which the safe is embedded is finished.

The temporary cover D, shown in Figs. 2 and 3, is made in the form of an ordinary metal cap having a flange *d* adapted to fit over the projection or flange *b'* surrounding the safe opening. The flange *d* of this cover is substantially the same thickness as the flange of the trim C, and serves not only to hold the cover in place on the safe, but also serves to form or to protect the groove into which the flange of the trim is to be inserted.

A band or sleeve E is placed on the temporary cover so as to surround the flange *d*, said sleeve being preferably formed of thin sheet metal, and when the safe opening is circular the temporary door is also circular, and the sleeve E is then made in the form of a ring as shown. The width of the sleeve is generally designed to be equal to the thickness of the plaster which is to surround the safe opening, and the edge *e* of the sleeve may then serve as a guide in applying the plaster *a*. Said sleeve is preferably so fitted to the temporary cover that it will be held thereon by friction while at the same time permitting the cover to be removed from the plastered wall without removing the sleeve therefrom.

The temporary cover D with the sleeve E properly positioned thereon is placed over the safe opening before the safe is placed in position in the wall, and is supposed to remain in place until the wall is finished. When the plaster *a* is applied to the wall, it is made to closely surround the sleeve E with its finished surface flush with the edge *e* of the sleeve. The latter is thus cemented to the wall by the plaster, and in order that it may be more securely held thereby, projections *e'* may be formed on the sleeve, or it may be otherwise roughened or formed to

interlock with the plaster, as will be readily understood. After the wall is finished, the temporary cover is removed, leaving the sleeve E in the wall. A groove *f* is thus
 5 formed to receive the flange *c* of the telescopic trim C which is made to fit in said groove, said flange being of such width as will permit the trim to be properly adjusted with reference to the surface A of the finished wall. The trim may be held in ad-
 10 justed position by means of a screw *g* tapped through the wall of the safe opening to engage the flange *c*, as clearly shown in Fig. 1.
 In some cases it may be desirable to form
 15 a groove to receive the flange of the telescopic trim, by a sleeve or band secured to or forming a permanent part of the safe structure, and this may be provided for by placing a sleeve E' around the flange *b'*, as
 20 shown in Fig. 4. In this case the sleeve E is made a part of the safe by securing it to the wall of the safe by means of screws or rivets *f*², said sleeve being arranged to form the groove *f'* for receiving the flange of the
 25 trim and also for receiving the flange of the temporary cover, the latter serving to close the groove against plaster and dirt during building operations.

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

1. The combination with a wall safe or receptacle having a door opening and a flange

or projection surrounding said opening, of a temporary cover having a flange fitting over
 35 said projection, and adapted to form a trim-receiving groove between said projection and the surrounding wall-plastering.

2. The combination with a wall safe or receptacle having a door opening and a
 40 flange or projection surrounding said opening, of a band or collar surrounding said projection and forming a groove adapted to receive a telescopic trim.

3. The combination with a wall safe or
 45 receptacle provided with a door opening, of a temporary cover for said opening, and a sleeve detachably surrounding said cover, said sleeve having a roughened exterior sur-
 50 face, for the purpose specified.

4. The combination with a wall safe or receptacle having a door opening and a pro-
 55 jection or flange surrounding said opening, of a temporary cover having a flange adapted to fit over the flange or projection sur-
 rounding said opening, and a detachable sleeve surrounding the flange of the cover, for the purpose specified.

In testimony whereof I have hereunto set my hand in presence of two subscribing
 60 witnesses.

HARVEY C. LOWRIE.

Witnesses:

HOWELL BARTLE,
 PHILIP F. LARNER.