G. E. PALMER.

WALL CASE.

APPLICATION FILED JULY 6, 1911.

1,016,030. Patented Jan. 30, 1912.

Fig. 1.

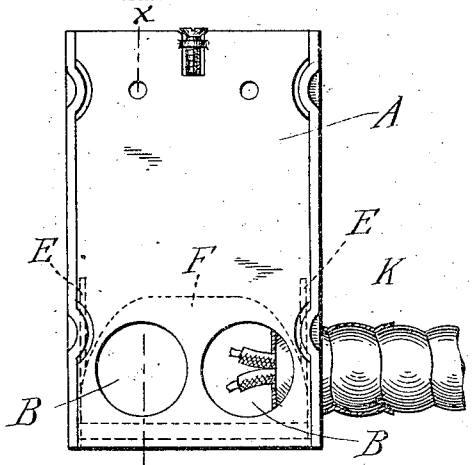


Fig. 2.

Fig. 3.

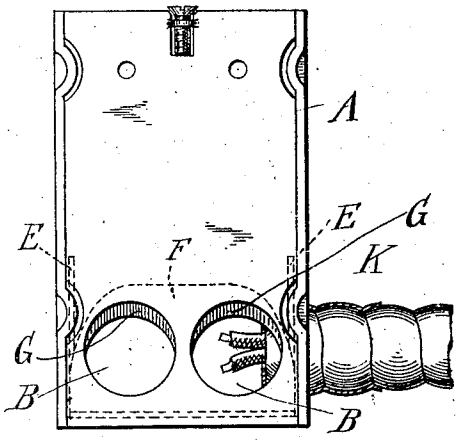


Fig. 4.

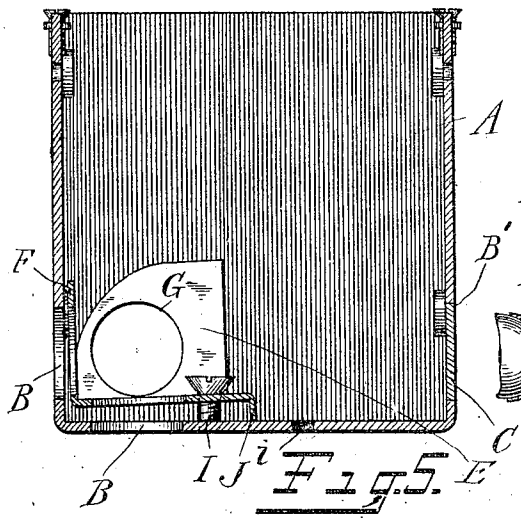


Fig. 5.

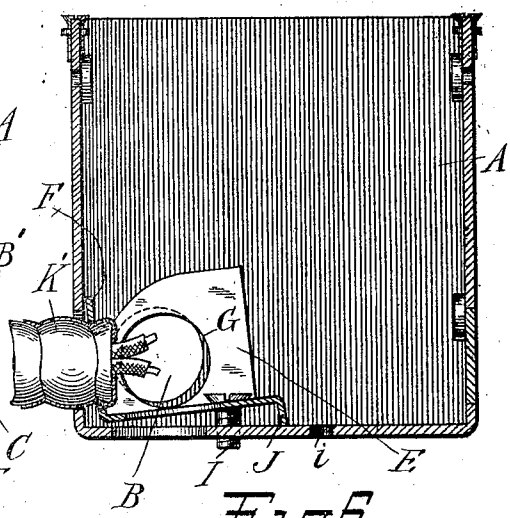
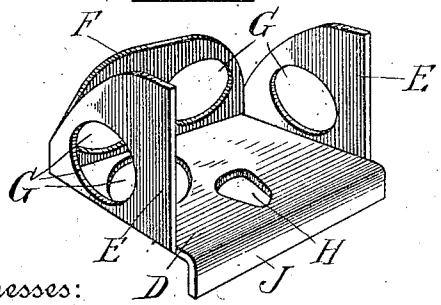
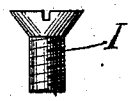


Fig. 6.





Witnesses:

Fred K. M. Dannenfelser

Chas. A. Pearce

Inventor

G. E. PALMER

By his Attorneys

Bartlett, Maxwell & Whittemore

UNITED STATES PATENT OFFICE.

GRANVILLE E. PALMER, OF HARTFORD, CONNECTICUT, ASSIGNOR TO THE HART MANUFACTURING COMPANY, OF HARTFORD, CONNECTICUT, A CORPORATION OF NEW JERSEY.

WALL-CASE.

1,016,030. Specification of Letters Patent. Patented Jan. 30, 1912.

Application filed July 6, 1911. Serial No. 637,146.

To all whom it may concern:

Be it known that I, GRANVILLE E. PALMER, a citizen of the United States, residing at Hartford, county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Wall-Cases, of which the following is a full, clear, and exact description.

My invention relates to wall cases, and has for its object to provide a wall case having a simple and efficient means for fastening a cable securely therein on one or more sides thereof, and particularly in means for securing a cable in any one of several sides, and consists of certain features hereinafter shown and described.

The following is a description of my invention, reference being had to the accompanying drawings, in which—

Figure 1 represents an end elevation of the casing with a cable inserted therein, but not secured. Fig. 2 represents a longitudinal section of the same on the line *x*—*x*, Fig. 1. Fig. 3 represents an end elevation of the same, with the clamping means adjusted so as to secure the cable. Fig. 4 represents a longitudinal section of the same on the line *x*—*x*, Fig. 1, with a cable inserted through another opening and clamped therein. Fig. 5 is a perspective view of the clamping plate, and Fig. 6 is the side elevation of a detail.

Referring more particularly to the drawings, A represents the casing of a wall case, having openings B in the bottom and vertical sides thereof, some of which openings may be closed by disks C in the ordinary manner.

D is a clamping plate having upturned side portions E, and an upturned front end portion F. The bottom of the plate D and the upturned portions E and F have holes G which correspond with the holes B in the bottom and vertical sides of the casing, so that when one hole G is in line with its corresponding hole B, the other holes G are in line with their corresponding holes. The plate D has a slot H which is narrower at its rear end than at its front end. Through this slot passes a screw I, which screws into the bottom of the casing A. The rear end of the clamp D is held away from the bottom of the casing by a downturned flange J.

K—K′ are cables passing through one or more of the holes B and the corresponding holes G. When inserting a cable, the clamping plate D is moved so that the holes G register with the holes B, as shown in Fig. 1. The cable is then inserted and the screw I screwed inward with the result that the front end of the plate is drawn down producing a crimping action of the plate D upon any cables which may have been inserted through the portions E and F. The screwing down of the screw I also causes its head, which has a tapered conical surface, to engage the edges of the slot H. The engagement with these edges, since the slot widens toward its front end, causes the plate D to move backward, and thus increase the clamping action of the portions E and produces a clamping action upon cables which are inserted through the holes G of the bottom of the plate D, and the corresponding holes B in the bottom of the casing. The ends of the cables are thus very securely held. In case a cable is to be inserted through the hole B′, the plug C is knocked out and the plate D is shifted around, the screw I being screwed into the supplemental hole *i* in the casing.

My invention permits of various modifications without departing from the spirit thereof or the subject-matter referred to in the appended claims.

What I claim is:

1. In a wall case, the combination of a casing having cable openings, means for holding one end of said plate away from the bottom of said casing, a slot in said plate having its end adjacent to said means narrower than the end remote therefrom, and a screw passing through said slot and into the bottom of said casing, said screw having a tapered portion engaging the sides of said slot and acting to both secure said clamping plate to said casing and force the openings of said clamping plate out of alinement with said casing openings.

2. In a wall case, the combination of a casing having cable openings in a plurality of sides thereof, a clamping plate having corresponding openings, said clamping plate having a slot narrower at one end than at the other, means adjacent to said narrower end for holding that portion of the plate away from the bottom of the casing, and a screw passing through said clamping plate and entering said casing and having a tapered surface engaging said slot.

3. In a wall case, the combination of a casing having cable openings in its bottom, a clamping plate having openings corresponding therewith, means for holding one end of said clamping plate away from the bottom of said casing, said clamping plate having a slot narrowing toward the end of said clamping plate adjacent to said means, and a screw passing through said slot and into said casing, and having a tapered surface engaging said slot.

4. In a wall case, the combination of a casing having cable openings in an end and sides thereof, a clamping plate having corresponding openings adjacent to said cable openings, means for holding the portion of the clamping plate remote from said end of the casing away from the bottom of said case, said clamping plate having a slot narrowing toward the portion adjacent to said holding means, and a screw passing through said slot and into said casing, and having an inclined surface engaging said slot.

5. In a wall case, the combination of a casing having cable openings in an end and bottom and sides thereof, a clamping plate having corresponding openings adjacent to said cable openings, means for holding the portion of the clamping plate remote from said end of the casing away from the bottom of said case, said clamping plate having a slot narrowing toward the portion adjacent to said holding means, and a screw passing through said slot and into said casing, and having an inclined surface engaging said slot.

6. In a device of the character described, the combination of a base having a conduit opening therein, a clamping plate on one side of said base, a holding screw having a conical surface and passing through one of said members and engaging screw-threads in the other, said member through which said screw passes having an elongated slot narrower at one part than at another and against the edges of which said conical surface bears, said screw being in the narrow part of said slot when said plate is in non-clamping position and in the wide part of said slot when said plate is in clamping position.

GRANVILLE E. PALMER.

Witnesses:
EZRA E. SMART, Jr.,
GRACE W. HART.