

(No Model.)

C. A. MEZGER.
OUTLET BOX.

No. 564,443.

Patented July 21, 1896.

Fig. 1.

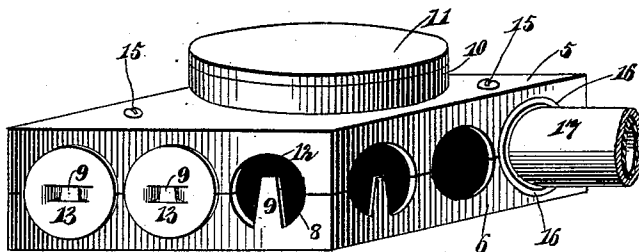


Fig. 2.

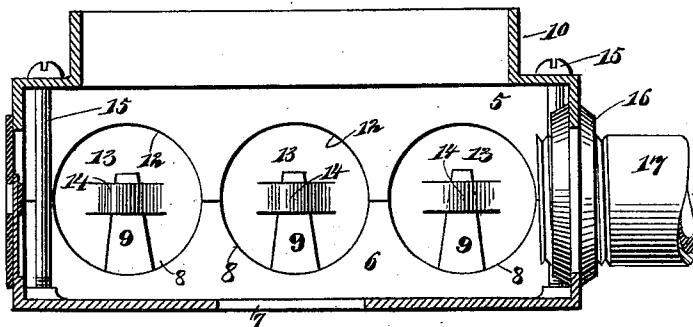


Fig. 3.

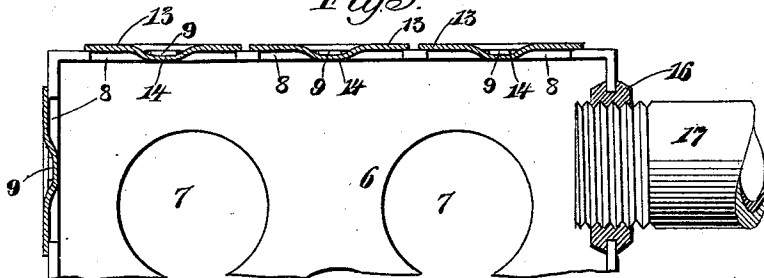
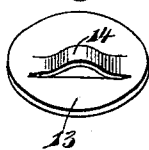


Fig. 4.



WITNESSES:
Paul J. J. J.

Isaac B. M.

INVENTOR
C. A. Mezger.
BY *M. J. J.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES A. MEZGER, OF BROOKLYN, NEW YORK.

OUTLET-BOX.

SPECIFICATION forming part of Letters Patent No. 564,443, dated July 21, 1896.

Application filed May 19, 1896. Serial No. 592,126. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. MEZGER, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Outlet-Box, of which the following is a full, clear, and exact description.

The object of this invention is to provide a superior outlet-box for electrical conductors and conduits, and one which will be capable of being readily adjusted to produce an opening or openings at the requisite point.

The invention will be fully described hereinafter and finally embodied in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of an outlet-box embodying the essential features of my invention. Fig. 2 is a longitudinal section thereof. Fig. 3 is a fragmentary horizontal section, and Fig. 4 is a detail perspective of one of the closure or cover plates.

In a device embodying the essentialities of my invention, two rectangular sections 5 and 6 are employed, the lower section 6 being formed with openings 7 in its bottom, and with semicircular recesses 8 in the edges of its sides. Projecting upwardly from the lower portion of each recess 8 is a frangible arm 9, cast integral with the part 6 and of a strength less than that of the said part, so that the arms 9 may be readily broken to leave the recesses unobstructed.

The top section 5 is provided with an opening from which a flange 10 rises, and the flange 10 supports a cover 11 of any suitable form. The side edges of the section 5 are formed with semicircular recesses 12, matching with the respective recesses 8 in the section 6, so as to form truly circular openings, as shown in the drawings. Covering each of these circular openings is a plate 13, such plate being circular and larger than the openings 8, so as to engage the sections 5 and 6 at their outer sides to effectively close the openings. Formed in each plate 13 are two parallel cuts, producing a loop 14, such loops respectively receiving the arms 9 and thereby holding the plates 13 in position.

The arms 9 being very much weaker than

the material forming the sections 5 and 6, it will be seen that upon the application of a sharp blow to the arms they will be broken away, carrying with them the attached plates.

In the manufacture of the box, the recesses 8 and 12 are formed, and the two sections rigidly secured to each other by means of bolts 15. This produces in the box a series of circular openings, each formed by the juncture of two semicircular recesses and each having an arm 9 projecting thereinto. The plates 13 are now connected to the arms so as to close the circular openings, and the device is then ready for sale. A person wiring a building should now take the box and determine the proper point in the box for an opening which will admit the conductor or conduit, after which the arm 9, which projects into the opening at such point, should be broken to remove the plate 13, thereby producing the circular opening shown at the middle of the right-hand side of the box in Fig. 1. The collar 16 should now be placed in this opening by disconnecting the sections 5 and 6, after which the conduit 17 may be introduced. It will be understood that the box will be formed with openings at all convenient points, so that the person using the box need only break away the arm 9 at the desired point.

This device takes the place of the old form of outlet-box, in which the box was formed with the openings to suit the particular location of the conductor or conduit.

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

1. An outlet-box having a series of openings for conduits or conductors, and closures comprising members integral with the box, and a separate member held by said integral member, substantially as described.

2. An outlet-box having an opening, an arm integral with the box and projecting into the opening, and a plate held by the arm and covering the opening, the arm being of less strength than the box, substantially as described.

3. An outlet-box having two sections, each with a semicircular recess forming a circular opening, one section having a frangible arm

projecting into the opening, and a closure held by said arm and covering the opening, substantially as described.

4. An outlet-box formed of two sections
5 each of which has a series of semicircular recesses in its edges, the recesses respectively matching to form circular openings capable of receiving electrical wires or conduits, and frangible arms formed integral with one section and respectively at the recesses thereof,
10 substantially as described.

5. An outlet-box having a series of open-

ings, and frangible arms carried by the box and respectively projecting into the openings, substantially as described. 15

6. An outlet-box having an opening and a closure for the opening, the closure having a frangible arm, and a separate member held by said arm, substantially as described.

CHARLES A. MEZGER.

Witnesses:

ISAAC B. OWENS,
A. A. HOPKINS.