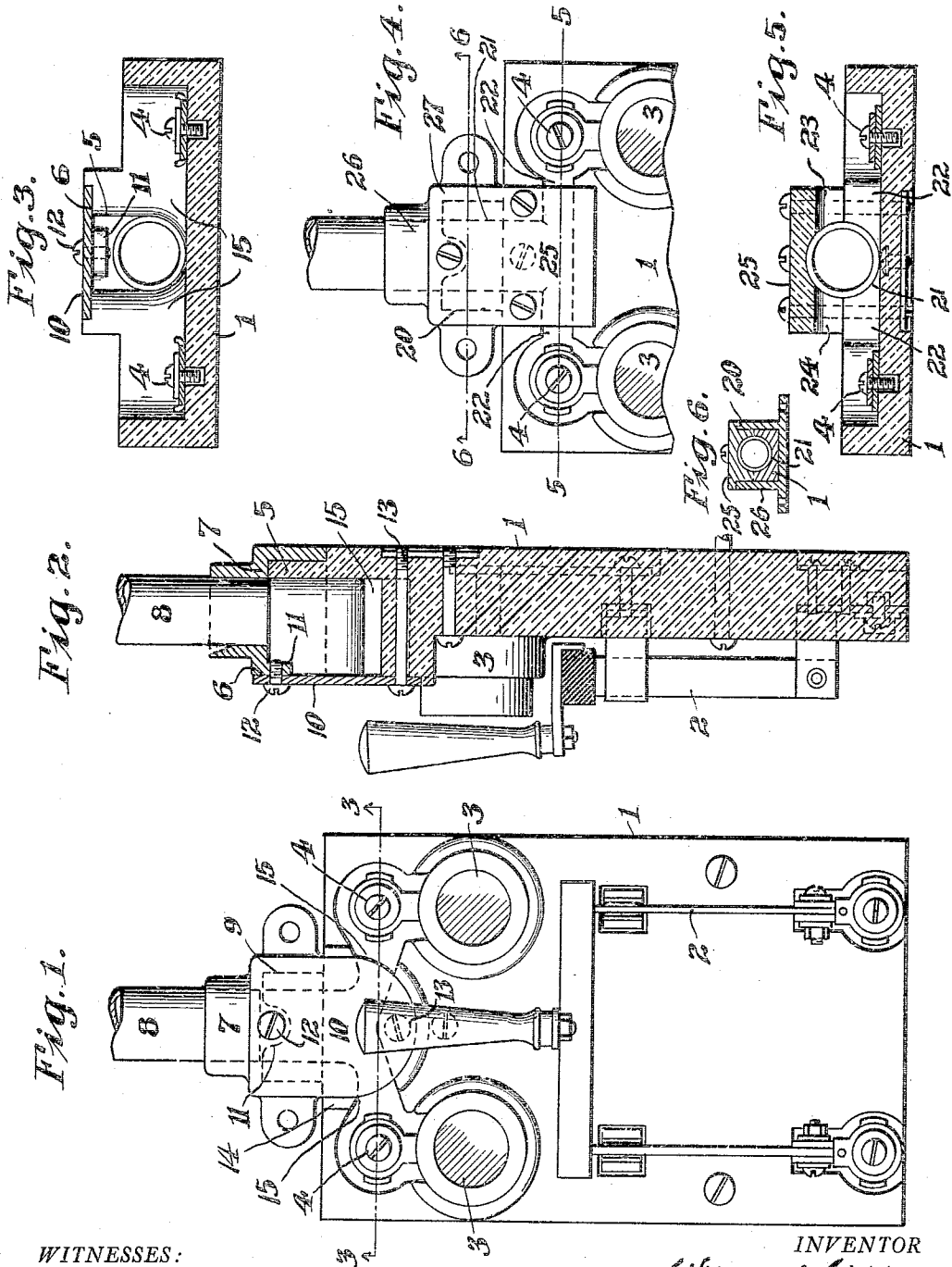


W. J. GIBBONS.
 SWITCH AND FUSE SUPPORT.
 APPLICATION FILED DEC. 30, 1909.

953,782.

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WILLIAM J. GIBBONS, OF PHILADELPHIA, PENNSYLVANIA.

SWITCH AND FUSE SUPPORT.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM J. GIBBONS, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented certain new and useful Improvements in Switch and Fuse Supports, of which the following is a specification.

My invention relates to improvements in switch and fuse supports, and it has for its object to provide means whereby such supports may be readily connected to a conduit or tube; and a further object is to provide means whereby electric conducting wires which project from the said conduit or tube may be readily connected to the binding posts and other circuit completing devices upon the said support.

Convenient embodiments of my invention are illustrated in the accompanying drawings, but it will be understood that various changes in the details of construction may be made without departing from the scope of my invention as the same is set forth in the specification and claims.

In the drawings:—Figure 1 is a top plan view of a switch and fuse support combined with the end of a pipe or conduit embodying my invention; Fig. 2 is a central longitudinal section of the same; Fig. 3 is a transverse section on the line 3—3 of Fig. 1; Fig. 4 is a top plan view of the upper portion of a structure similar to that shown in Fig. 1 but showing a modified construction. Fig. 5 is a section on the line 5—5 of Fig. 4; and Fig. 6 is a section on the line 6—6 of Fig. 4.

Referring to Figs. 1, 2 and 3 of the drawings:—1 designates the insulating base or support for the switch 2, the fuses or cut-outs 3 and the binding screws or posts 4. The upper end of the base 1 is provided with a hollow boss-like portion 5 having an open top as indicated at 6 in the drawings. The open-topped boss portion 5 is adapted to be projected into an open-topped reducing socket 7 which is secured to the end of a pipe or conduit 8 through which the electric conducting wires are adapted to be passed. The top of the reducing socket is cut away as indicated in Fig. 2 and by the dotted lines 9 in Fig. 1.

10 designates a cover plate which is adapted to be secured to a lug or ear 11 projecting from one wall of the reducing socket by means of a screw 12, the said cover plate

being also secured to the base or support 1 by means of a screw 13.

In the use of a device embodying my invention, the cover plate 10 is removed and the open-topped boss 5 is inserted in the open-topped reducing socket 7. The wires from the conduit or pipe 8 are carried through the narrow passage ways 15 and are connected to the binding screws or posts 16 and the electric circuit thus completed passes through the cut-outs or fuses 3 and the switch 2 in the usual well-known manner. After the wires are connected to the binding posts or screws 4, the top or cover 10 is secured in position by means of the screws 12 and 13.

By reason of the construction in which the cover 10 is removable, I am enabled to most readily place the supporting base 1 in proper relation to the end of the pipe 8 and also to connect the electric conducting wires and the binding posts 4.

In Figs. 4 and 5 I have shown a modified construction in which the base 1, fuses or cut-outs 3 and the binding posts 4 are the same as the corresponding parts in Figs. 1 to 3. One end of the base 1 in Figs. 4 and 5 is provided with a projection or boss 20 having a semi-circular groove or depression 21. Narrow passage ways or grooves 22 extend from the groove 21 to the depressions or cavities in which the binding posts or screws 4 are located. 23 and 24 designate grooves in a cover block 25 which are respectively complementary to the grooves 21 and 22. A portion of the top or cover registers with the boss or projection 20 and extends into the reducing socket 26, while the top portion 27 thereof extends outwardly over the top edges of the said socket.

Having thus described my invention, I claim:—

1. In a device of the character described in combination, a conduit or tube having an open-topped reducing socket secured thereto, a base for supporting electric devices, the said base having a hollow open-topped boss or neck which is adapted to project into said socket and a cover adapted to be secured over the said open-topped reducing socket and the said boss or neck.

2. In a device of the character described in combination, a conduit or tube having an open-topped reducing socket secured thereto, a base for supporting electric devices,

the said base having a hollow open-topped boss or neck which is adapted to project into said socket, terminals secured on the said base and the said base having grooves or channels formed therein leading from the said hollow boss or neck to the said terminals, and a cover adapted to be secured over the said open-topped reducing socket and the said boss or neck.

10 3. In a device of the character described in combination, a conduit or tube having an open-topped reducing socket secured thereto, a base for supporting electric devices, the said base having a boss or neck projecting therefrom, the said boss or neck having a groove formed therein, a cover adapted to extend over the said open-topped reducing socket and the said cover having a groove which is complementary to the groove in the
15 20 said boss or neck, and a portion of said cover and said boss or neck being adapted to project into said socket, means for securing the said cover in position over the said open-

topped reducing socket and over the said boss or neck, terminals secured upon the said base and the said base having grooves or channels communicating with the opening formed in the said boss or neck and the said cover.

4. In combination, a conduit or tube having an open-topped reducing socket secured thereto, a base provided with means for the distribution of electric wires projecting from the said tube and through the said socket, the said base having a boss which is adapted to extend into the said socket, and means for closing the open top of the said reducing socket.

In testimony that I claim the foregoing as my invention, I have hereunto signed my name this 28th day of December, A. D. 1909.

WILLIAM J. GIBBONS.

In the presence of—

GEO. H. WEIDNER,

CYRUS N. ANDERSON