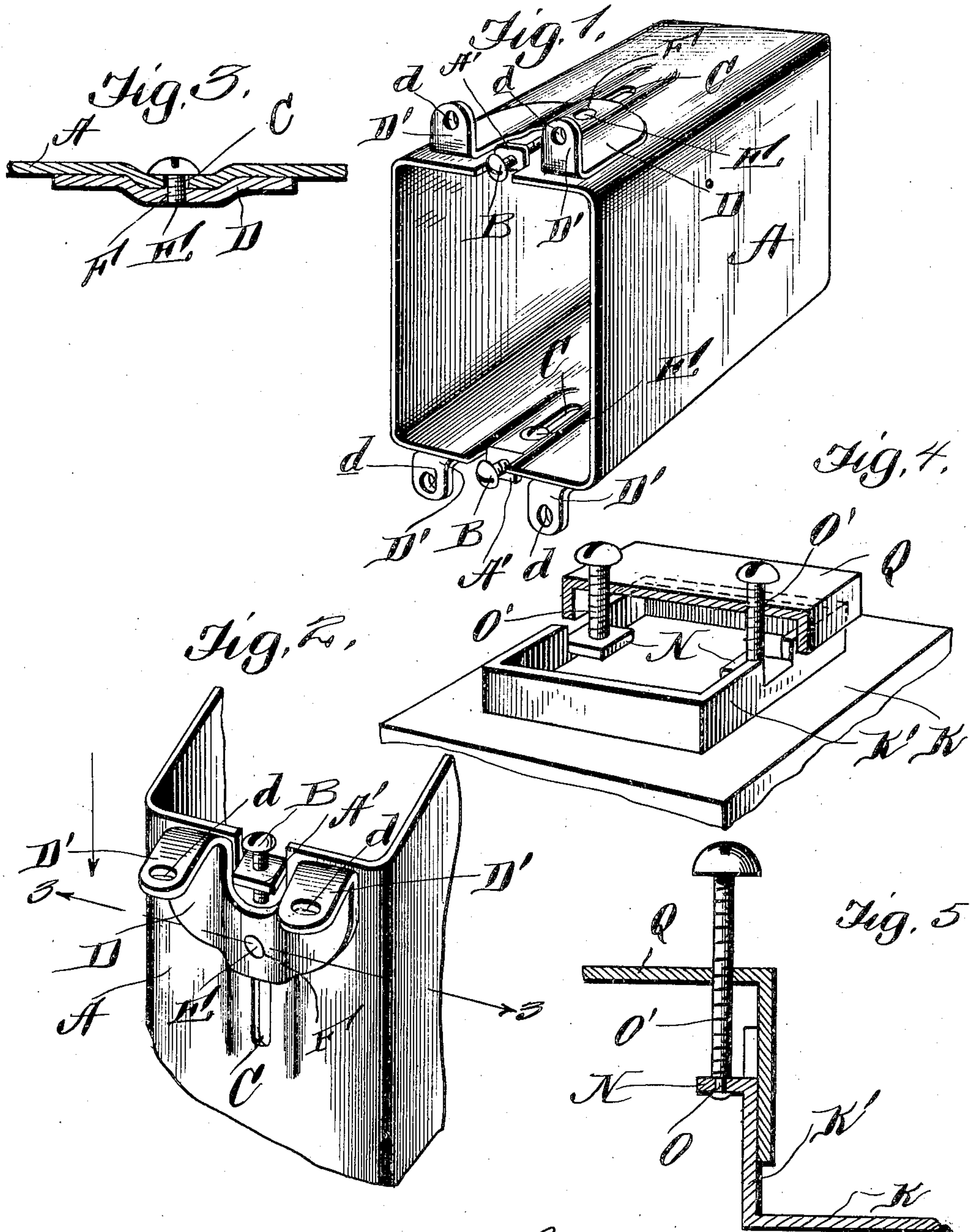


No. 835,039.

PATENTED NOV. 6, 1906.

S. D. SLOCUM.  
ADJUSTABLE SWITCH BOX.  
APPLICATION FILED SEPT. 18, 1905.



Witnesses  
R. A. Brewell,  
A. L. Laugh.

Silas D. Slocum,  
By *Franklin N. Hough*  
Attorney



# UNITED STATES PATENT OFFICE.

SILAS D. SLOCUM, OF ALEXANDRIA, VIRGINIA, ASSIGNOR TO LEON W. BOSSERT, OF UTICA, NEW YORK.

## ADJUSTABLE SWITCH-BOX.

No. 835,039.

Specification of Letters Patent.

Patented Nov. 6, 1906.

Application filed September 18, 1905. Serial No. 279,026.

*To all whom it may concern:*

Be it known that I, SILAS D. SLOCUM, a citizen of the United States, residing at Alexandria, in the county of Alexandria and State of Virginia, have invented certain new and useful Improvements in Adjustable Switch-Boxes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in adjusting mechanism for switch-boxes, covers for junction or outlet boxes, &c., and comprises means whereby a box may be easily, quickly, and accessibly adjusted to adapt the same to various thicknesses of plaster of walls in order to bring a lid or plate of the box flush with the surface of the wall.

My invention comprises various details of construction and combinations and arrangements of parts, which will be hereinafter fully described and then defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which—

Figure 1 is a perspective view of a switch-box, showing my adjusting mechanism as applied thereto. Fig. 2 is an enlarged detail perspective showing one end of a box and the adjustable bracket to which the lid or closure of the box is adapted to be fastened. Fig. 3 is a sectional view on line 3 3 of Fig. 2 looking in the direction of the arrow. Fig. 4 is a sectional perspective view showing the application of my invention to the lid of an outlet or junction box, and Fig. 5 is a sectional view transversely through the form illustrated in Fig. 4.

Reference now being had to the details of the drawings by letter, A designates a metallic switch-box of the usual construction, having lips A', which are outwardly bent from the wall of the box and are apertured to receive the screws B. Two of the opposite sides of the box are provided with elongated slots C, and each wall in which the slots are formed is indentured, as clearly shown in the drawings, and especially in Fig. 3, and D designates a bracket member also indentured

and corresponding to the indentures formed in the opposite walls of said box. The two outwardly-bent portions of said walls and bracket-plates formed by their indentures form guides, whereby said plates may be moved longitudinally upon the surface of the box.

E E designate screws which are passed through elongated slots one on each side of the box, and the threaded portion of each screw is designed to engage the threads in the marginal wall of an aperture F, formed in the plate D, whereby the plates may be held in adjusted positions. Each plate D has outwardly-bent arms D', which are apertured, as at d, to receive screws for fastening the plate and the box, to which it is adjustably held securely to the lath about an opening formed in the wall or to any other fixed object.

In Fig. 4 of the drawings I have shown the application of my adjusting mechanism as applied to an outlet-box, in which the letter K designates the upper portion of the box, having a flange K' about the central aperture therein. N N designate inwardly-turned lugs formed from the flange K', and each of said lugs is apertured to receive a swiveled end O of a screw O', which is mounted in a threaded aperture in the flange top Q, which fits over the flange K' of the box.

From the foregoing it will be noted that by the provision of the adjusting mechanism shown and described access may be easily and quickly had to the screws, which may be turned in one direction or the other, accordingly as it is desired to have the box moved in one direction or the other, the bracket members being held stationary, this adjustment being necessary in order to bring the outer edges of the boxes flush with the faces of walls in which the boxes are countersunk.

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

1. An adjusting mechanism for switch and outlet boxes, comprising, in combination with a box having apertured lugs therein, bracket members adapted to be fixed to a wall and having sliding connection with said box, clamping-screws mounted in slots in the box and adapted to hold the latter in adjusted positions in relation to said bracket members, as set forth.



2. An adjusting mechanism for switch and outlet boxes, comprising, in combination with a box, the opposite walls of which are slotted and indentured, apertured lips projecting from the wall of the box, screws mounted in said lips, and designed to hold a closure against the open end of the latter, bracket members, each being bent so as to be guided in the indentures formed in the box, and a screw passing through each of said slots and engaging one of said bracket members, and designed to hold the box in an adjusted position with relation to said bracket members, as set forth.

3. An adjusting mechanism for switch and outlet boxes, comprising, in combination with a box having slots formed in the opposite sides of the box, the walls adjacent to said slots being indentured, bracket members adapted for attachment to a wall and having indentures guided in the indentures of said box, clamping-screws, one mounted in each of said slots and engaging a threaded aperture in one of said bracket members, an apertured lip projecting from each slotted side of the box, a clamping-screw carried by each lip forming means for attaching a closure to the box, as set forth.

4. An adjusting mechanism for switch-boxes, comprising, in combination with a box, having slots formed in the opposite sides thereof, the sides of said walls being indentured, with the end of each indentured portion turned at an angle forming a lip adapted for the attachment thereto of a closure to the box, a bracket member having an

indentured portion which is guided in the indenture formed in the side of the box, a clamping-screw passing through each slot and engaging a threaded aperture in a bracket member, as set forth.

5. An adjusting mechanism for switch-boxes, &c., comprising, in combination with a box, having its opposite sides slotted, the sides adjacent to said slots being indentured, the outer ends of said indentured portions bent at an angle forming a lip for the attachment thereto of a closure to the box, bracket members, each indentured and fitting over the indentured portions of said box in order to guide the latter, and a clamping-screw mounted in each slot and engaging a threaded aperture in a bracket member, the ends of said bracket member extending one on each side of said lip, and outwardly bent and adapted to be fastened to a wall, as set forth.

6. A junction-box having integral outwardly-turned ears at the upper edge thereof, brackets at the sides of the box, and means for securing said brackets to the box in various positions of adjustment, said brackets having outwardly-extending portions formed to facilitate securing them to the woodwork of the supporting structure and cut away to provide openings in which said ears are received.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

SILAS D. SLOCUM.

Witnesses:

A. L. HOUGH,

FRANKLIN H. HOUGH.