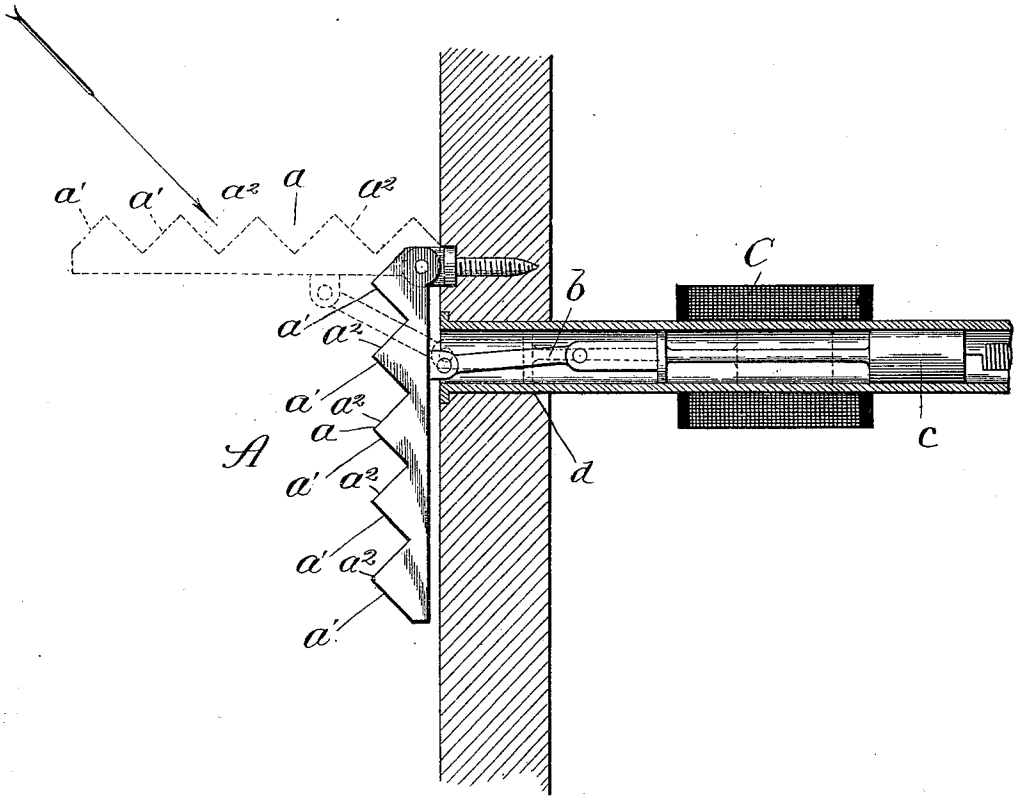
No. 640,153. Patented Dec. 26, 1899.

E. E. YAXLEY & C. C. CADDEN.

SIGNAL PLATE.

(Application filed Feb. 25, 1899.)

(No Model.)



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UNITED STATES PATENT OFFICE.

ERNEST E. YAXLEY AND CHARLES C. CADDEN, OF CHICAGO, ILLINOIS, ASSIGNORS TO W. T. BLAINE, OF SAME PLACE.

SIGNAL-PLATE.

SPECIFICATION forming part of Letters Patent No. 640,153, dated December 26, 1899.

Application filed February 25, 1899. Serial No. 706,816. (No model.)

To all whom it may concern:

Be it known that we, ERNEST E. YAXLEY and CHARLES C. CADDEN, citizens of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Annunciators, of which the following is a specification.

Our invention relates to an improvement in annunciators; and our object is to provide a construction of display-face on the drop as will adapt it to present to the line of vision of the operator at a telephone-switchboard or other device in connection with which our improvement is used one distinguishing characteristic, as a color, when in its normal position and another distinguishing characteristic, as a different color, when occupying its signaling position.

The accompanying drawing shows our improved device pivotally hung in operative position on a support, with means for moving it to its display position, indicated by dotted lines, and for retracting it therefrom.

A is a plate having its display-surface *a* serrated crosswise to afford correspondingly-inclined faces *a'* on corresponding sides of the teeth and the oppositely-inclined faces a^2 on the opposite correspondingly-inclined sides of the teeth. The faces *a'* are similarly characterized, as by coloring or painting them all alike or in alternating colors, and the faces a^2 are similarly characterized, as by painting them in alternating colors or all alike, but with a color distinguished from that of the faces *a'*.

The plate A is shown as pivotally hung on a board B, which may be a telephone-switchboard, on which our improvement would be used as an annunciator-drop connected with means for operating it, such as the solenoid C shown, having its core *c* pivotally connected by a link *b*, passing through an opening *d* in the board, with the drop.

When the drop is raised to the position indicated by the dotted representation, it displays to the line of vision of the operator (indicated by the arrow) the surfaces *a'*—say of one color—hiding from view the surfaces a^2, and when the drop is lowered to the normal position, in which it is represented by full lines, it presents to the line of vision the colored faces a^2, distinguished from the faces *a'*, which are hidden from view.

What we claim as new, and desire to secure by Letters Patent, is—

1. In an annunciator, the combination with a support, of a drop pivotally hung thereon, comprising a plate having its display-face serrated to display the faces of corresponding sides of the teeth in one position of the plate and in the other position thereof, the faces of the opposite sides of the teeth being distinguishably characterized from the others, and means for raising and lowering the plate on its pivot to said positions.

2. In an annunciator, the combination with a support, of a drop pivotally hung thereon, comprising a plate having the serrated display-surface *a* with the sides *a'* of the teeth suitably colored and their sides a^2 colored distinguishably from said sides *a'*, and means for raising and lowering the plate on its pivot to said positions.

ERNEST E. YAXLEY.
CHAS. C. CADDEN.

In presence of—
R. T. SPENCER,
D. W. LEE.