No. 656,431. Patented Aug. 21, 1900.

F. H. STEWART.

CORD ADJUSTER FOR ELECTRIC LIGHTS.

(Application filed May 9, 1900.

(No Model.)

Fig. 1.

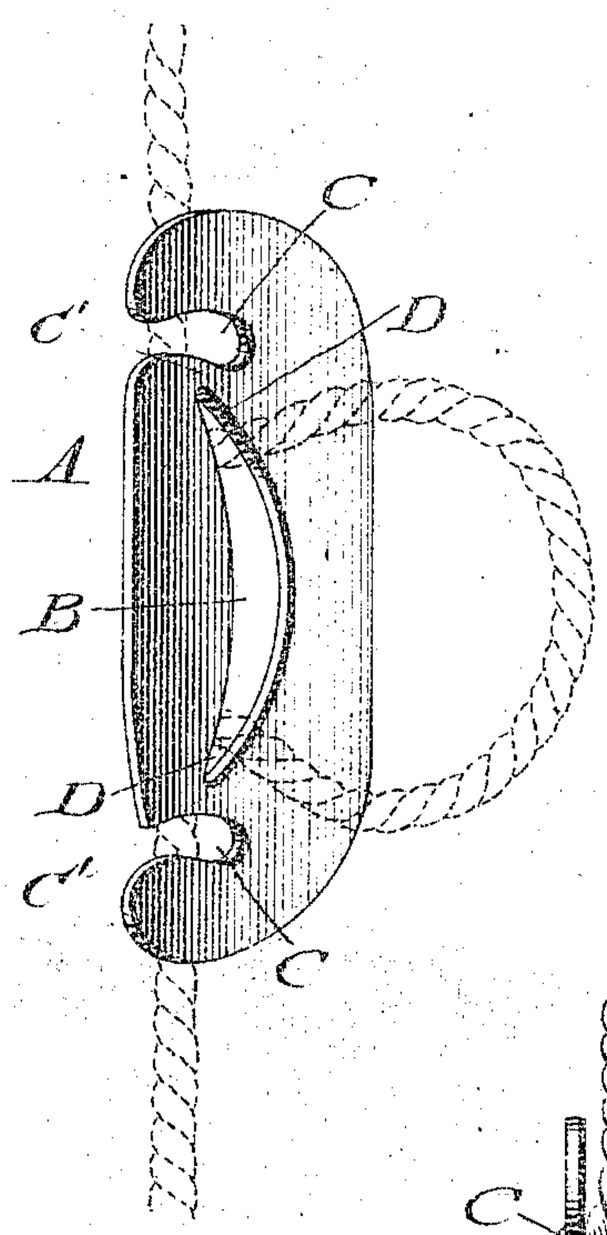
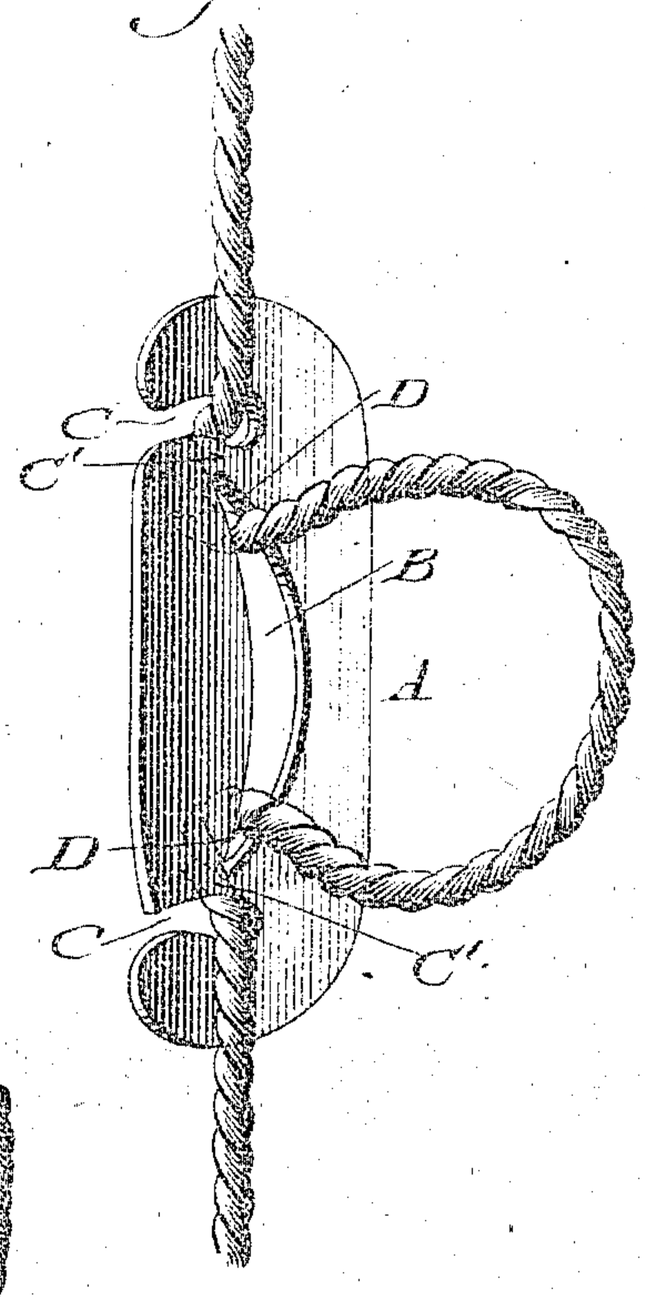


Fig. 2.



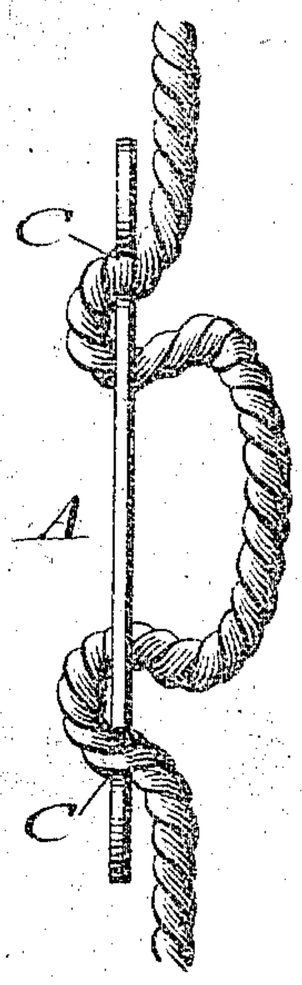


Fig. 3.

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FRANK H. STEWART, OF CAMDEN, NEW JERSEY.

CORD-ADJUSTER FOR ELECTRIC LIGHTS.

SPECIFICATION forming part of Letters Patent No. 656,431, dated August 21, 1900.

Application filed May 9, 1900. Serial No. 16,007. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. STEWART, a citizen of the United States, residing in the city and county of Camden, State of New Jersey, have invented a new and useful Improvement in Cord-Adjusters for Electric Lights, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a cord-adjuster for an electric light, the same being composed of a plate with a vertically-arranged mouth therein and throats above and below said mouth, whereby a cord may enter said mouth and be received in said throats, so as to be drawn into the corners of the mouth and held as a bite, whereby slipping of the plate is prevented and the light is reliably held at the place of adjustment, and the device is applicable to cords of different thicknesses.

Figures 1 and 2 represent perspective views of a cord-adjuster embodying my invention. Fig. 3 represents an edge view thereof.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a plate in which is the mouth B, the same when the plate is in operative position extending in the vertical direction thereof. C designates throats which extend into the plate above and below said mouth, it being noticed that the latter is reduced in width from its center to its terminals or corners, thus forming biting edges D for the portion of the cord that contacts with the same, it being also noticed that said throats are separated from the upper and lower terminals of said mouth by the necks C′ in the plate between said parts.

The operation is as follows: The cord is looped and passed through the mouth B, as shown dotted in Fig. 1. The portions of the cord above and below the loop are then bent around the necks C′ and inserted into the throats C, as shown in Figs. 2 and 3, when the weight of the lamp carried by the cord causes the latter to tighten and forces the relative portions of the same into the corners of the mouth that exist at the upper and lower ends thereof, causing the corners to bite said cord, and thus firmly clamp and hold the latter, whereby slipping of the plate is prevented and the light retains its adjusted height. When the cord is drawn out of the throats, the loop may quickly and easily emerge from the mouth and the plate again be adjusted, the subsequent operations being as hereinbefore stated. Owing to the reduced form of the mouth from center to terminals or the tapering shape of the walls of said mouth, said mouth is adapted to grip or bite cords of different thicknesses in said terminals or the corners of the mouth.

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

1. A cord-adjuster for an electric light consisting of a plate having throats in the upper and lower portions thereof and a mouth intermediate of said throats, the corners of said mouth being adjacent to said throats, and said mouth and throats being separated by necks in said plate between said parts.

2. In a cord-adjuster for an electric light, a plate provided with open throats in the upper and lower portions thereof and a vertically-arranged mouth in the plate intermediate of said throats, the corners of said mouth being adjacent to said throats and being reduced forming biting edges for the suspension-cord of the light.

3. In a cord-adjuster for the purposes set forth, a plate provided with a mouth therein, the ends or corners of the same having biting edges for said cord, and supplemental throats adjacent to said edges, a separating-neck existing between each end of the mouth and the adjacent throat.

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Witnesses:
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