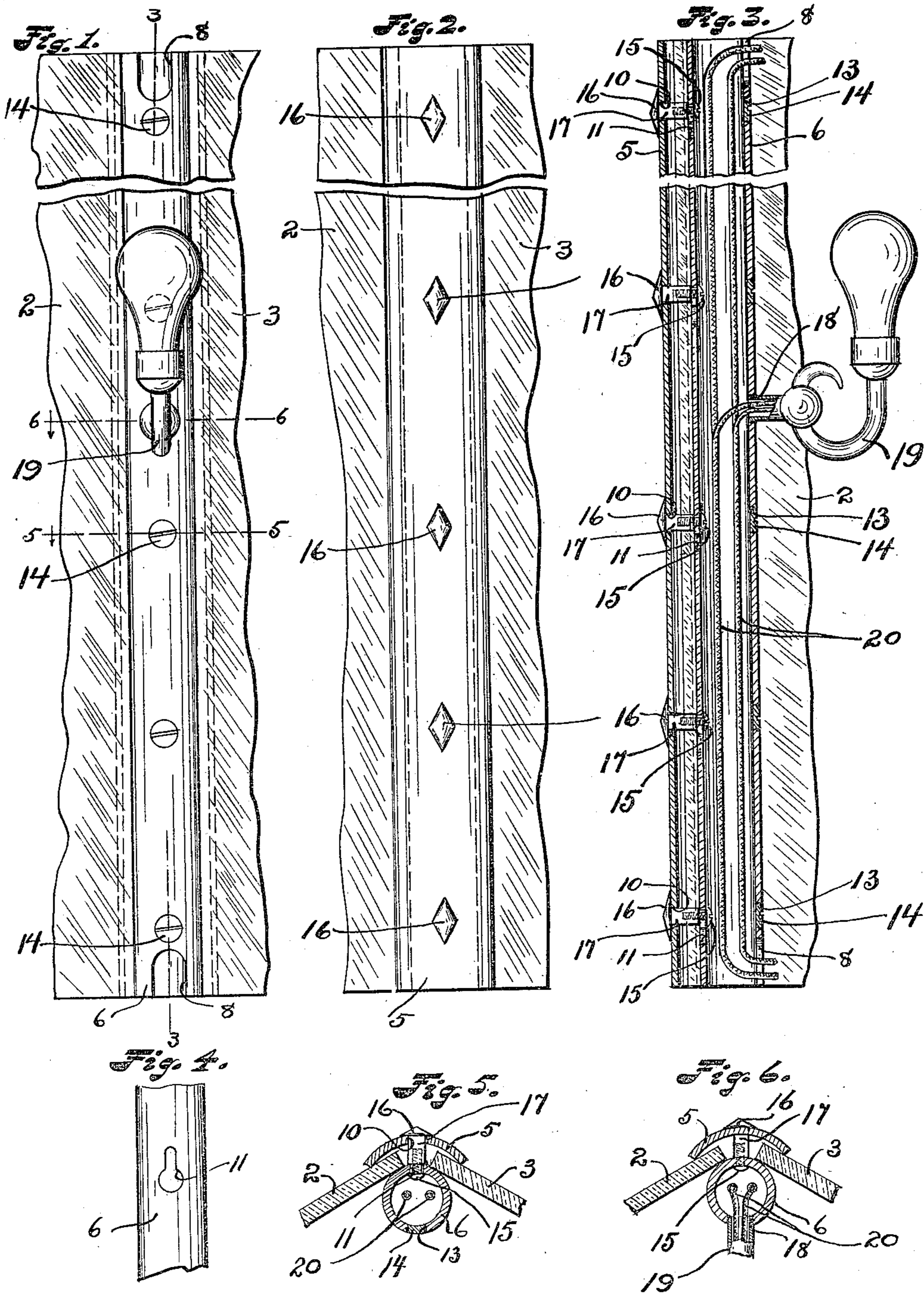


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SHOW CASE, SHOW WINDOW, AND THE LIKE.
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946,016.

Patented Jan. 11, 1910.



Witnesses:
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UNITED STATES PATENT OFFICE.

CHARLES M. CONLEY, OF CLEVELAND, OHIO, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO THE C. & L. MANUFACTURING COMPANY, A CORPORATION OF OHIO.

SHOW-CASE, SHOW-WINDOW, AND THE LIKE.

946,016.

Specification of Letters Patent.

Patented Jan. 11, 1910.

Application filed September 8, 1908. Serial No. 452,101.

To all whom it may concern:

Be it known that I, CHARLES M. CONLEY, a citizen of the United States of America, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Show-Windows, Show-Cases, and the Like; and I 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 pertains to make and use the same.

This invention relates to new and useful improvements in show-windows, show-cases and the like.

One object of this invention is to provide a corner construction for show-cases, show-windows and the like which can be readily applied to and made to fit plates arranged at any angle.

A further object of my invention is to provide means for protecting the outer abutting edges of the glass plates and at the same time rendering the show-window or show-case dust-tight.

Another object of my invention is to provide means for protecting and supporting the electrical wires and lights for illuminating the window.

With these objects in view and in order to secure further advantages hereinafter appearing my invention consists in certain features of construction and combination of parts, the preferred form of which is described in the following specification, pointed out in the claim and illustrated in the accompanying drawings.

In the accompanying drawings Figure 1 is a view in elevation of a portion of a show-window or show-case embodying my invention, looking at the inside. Fig. 2 is a view of the same looking at the outside. Fig. 3 is a section on line 3—3, Fig. 1. Fig. 4 is a detail view of a portion of the inner clamp member showing the key-hole shaped slot. Fig. 5 is a section on line 5—5, Fig. 1. Fig. 6 is a section on line 6—6, Fig. 1.

Again referring to the drawings 2 and 3 represent two glass plates which are arranged with their adjacent edges slightly spaced apart. At the junction or meeting edges of the two plates is arranged my improved corner construction or clamp which comprises an outer member 5 and an inner member 6 with suitable means for connect-

ing the same as hereinafter described. The outer member is formed of a resilient strip which preferably extends from the top to the bottom of the construction. This strip is curved in cross section and laps over both plates completely covering the joint. The inner member 6 is arranged in the angle formed by the two plates 2 and 3 and consists of a comparatively rigid or unyielding tube which extends from the top to the bottom of the construction and is preferably cut away at the top and bottom, as at 8, for a purpose which will be disclosed hereinafter. In the outer clamp member 5 are formed a number of angular holes 10 and on the opposite or adjacent side of the inner clamp member 6 are formed a series of key-hole shaped slots 11, the upper or restricted portion of the key-hole shaped slot being arranged to register with the holes in the outer member 5 when the inner member is in its permanent position. In the opposite side of the inner clamp member or tube 6 are formed a series of openings 13 in line with the key-hole slots 11. These openings 13 permit a screw driver or similar tool to be passed through the tube 6 so as to operate the means for securing the clamp members 5 and 6 together, which will be described later. Small plugs 14 are preferably provided for closing the openings 13.

The means for securing the clamping members 5 and 6 together comprises an inner member or screw 15 and an outer member or nut having a diamond-shaped head 16 and a shank portion 17 adapted to pass through the opening 10 in the outer clamp member 5. The shank portion 17 is provided with a screw-threaded bore which receives the screw 15. In assembling the members the shank portions of the securing nuts are passed through the openings 10 in the outer clamp member 5 and between the edges of the glass plates which are to be secured together. The screws 15 are then screwed part way into the shank portions 17 so as to leave a portion of the screws projecting. The inner clamp member 6 is first placed so that the heads of the screws 15 will pass through the large part of the key-hole slots 11 and the member 6 is then shoved down bringing the restricted parts of the key-hole slots behind the heads of the screws. A screw driver is then inserted through the openings 13 and the screws 15

are screwed into the nuts thereby drawing the clamping members together and securely clamping the glass between them. It will therefore be seen that in assembling the joint no tool is brought into contact with the outer clamping member or with the head of the nut so that there is no chance to injure or mar the surface thereof and a very pleasing effect can be attained.

When it is desired to install electric lights in the window, openings are formed in the inner member or tube 6 into which the electric light fixture is screwed and the wires from the fixture are carried through the tube and then out through one of the openings 8 at the top or bottom of the tube and connected with the feed-wires. The wires are therefore supported and protected within the tube so that there is no danger of their becoming entangled with the articles in the window and in case of short-circuiting of the wires no fire can be communicated to the window furnishings as the wires are inclosed in the metallic tube 6.

What I claim is,—

In a construction of the character indicated, the combination with two plates arranged at an angle to each other of an outer clamping member provided with bolt holes, an inner tubular clamping member provided with key-hole slots in the side thereof adjacent to the outer clamping member and having openings in the opposite side in line with said key-hole slots, bolts passing through the said outer clamping member, said bolts being provided with interiorly screw-threaded bores and screws passing through the key-hole slots in said inner tubular member and arranged to screw into the bores of said bolts.

In testimony whereof, I sign the foregoing specification, in the presence of two witnesses.

CHARLES M. CONLEY.

Witnesses:

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