

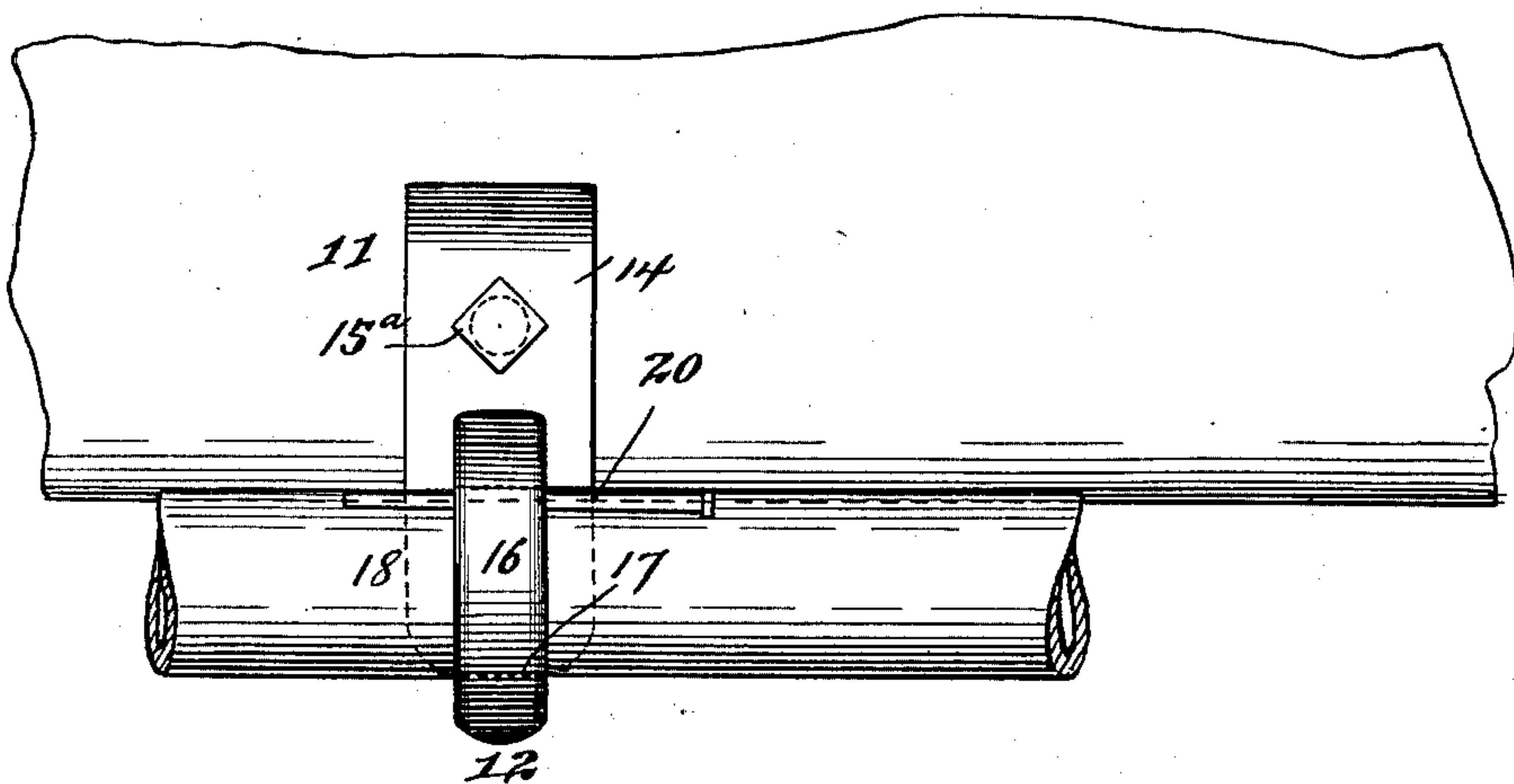
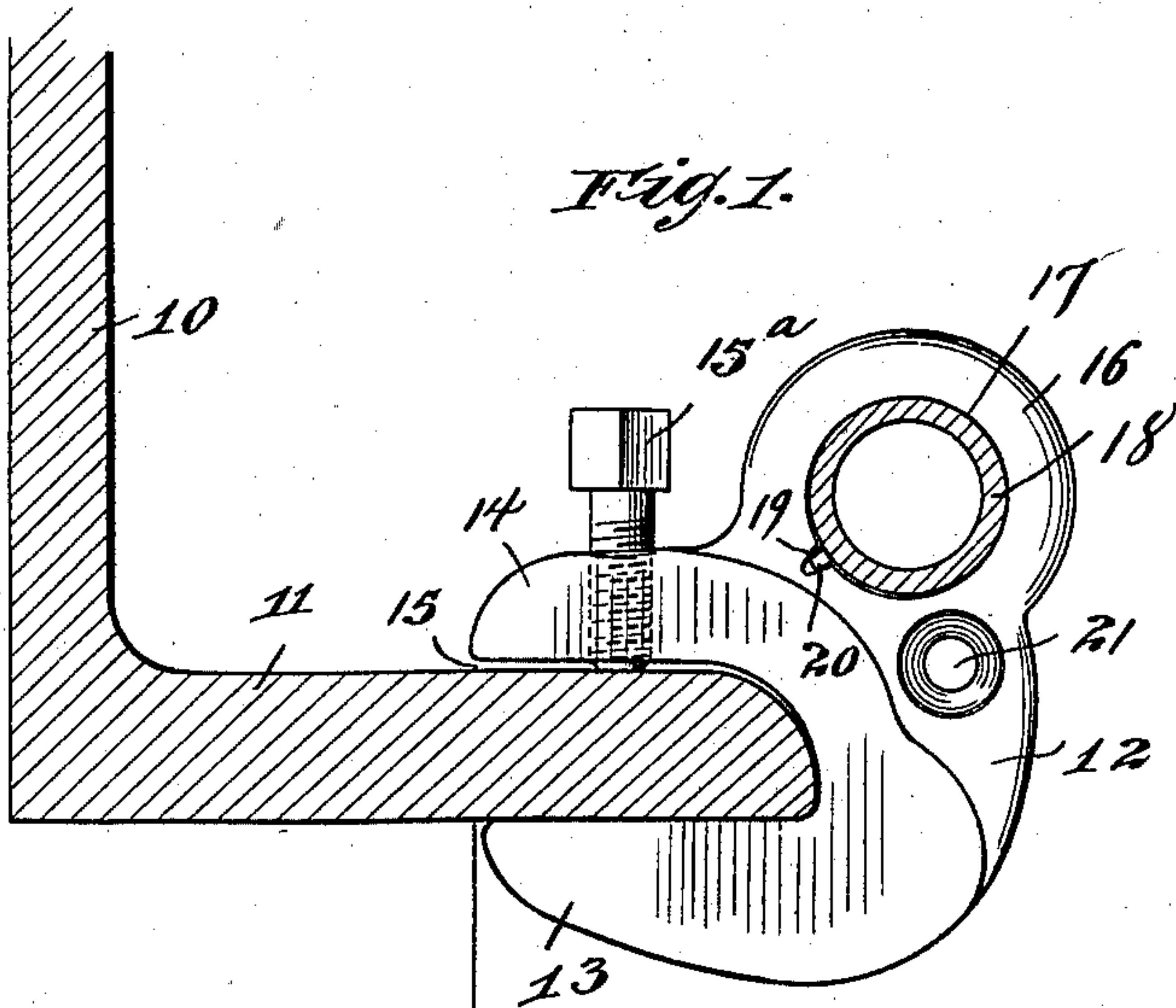
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Patented Aug. 21, 1900.

H. F. CONDON.
AWNING FIXTURE.

(Application filed Mar. 25, 1899.)

(No Model.)



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UNITED STATES PATENT OFFICE.

HENRY F. CONDON, OF DE KALB, ILLINOIS.

AWNING-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 656,343, dated August 21, 1900.

Application filed March 25, 1899. Serial No. 710,443. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. CONDON, of De Kalb, in the county of De Kalb and State of Illinois, have invented certain new and useful Improvements in Awning-Fixtures, of which the following is a specification.

This invention relates to awning-fixtures, and has for its object to provide a device whereby the top bar or rod of the awning may be secured to the building in a rapid, efficient, and inexpensive manner.

In buildings as now ordinarily constructed the awning is supported at its upper end from the horizontal flange of an angle-bar or I-beam which extends across the front of the building at the top of the lower story, and this connection is ordinarily made by riveting or bolting to the flange of the I-beam supporting-brackets, in which the top bar or rod of the awning is mounted. This necessitates considerable expense of labor and time in drilling the necessary apertures through the flange of the I-beam, and in carrying out my invention I dispense with this drilling of the apertures by providing a combined bracket and clamp having jaws which are adapted to fit over the projecting flange of the I-beam and are provided with a set-screw for binding the same in place on said flange, the bracket being also provided with a suitable aperture to receive the top bar or rod of the awning, and being also preferably provided with means for attaching the awning-pulleys thereto and for securing the top rod or bar against longitudinal motion.

To these ends my invention consists in certain novel features, which I will now proceed to describe and will then particularly point out in the claim.

In the accompanying drawings, Figure 1 illustrates a side elevation of a fixture embodying my invention, the angle-beam and top rod or bar being shown in section; and Fig. 2 is a plan view of the structure shown in Fig. 1.

In the said drawings, 10 indicates an angle-bar or similar shape having an outwardly-extending horizontal flange 11. 12 indicates the fixture as a whole. It is preferably constructed of cast-iron or the like and comprises two horizontally-extending jaws 13 and 14, having between them a space 15, adapted to

receive the projecting margin of the flange 11 and to fit over the same, being preferably shaped, as shown, to conform substantially to said flange. The upper jaw 14 is provided with a threaded aperture, in which is mounted a set-screw 15^a, which passes through said aperture in the jaw and is adapted to bear at its lower end upon the flange 11 and when screwed into position to clamp the fixture firmly upon the flange. The fixture also comprises an upwardly and outwardly extending lug 16, which is provided with an aperture 17 of a size sufficient to accommodate the top bar or rod 18, to which the awning is attached at its upper edge. This top bar is preferably and generally round in shape, being, in fact, as a rule, a section of gas-pipe, and the aperture 17 is of course preferably constructed to conform substantially to the size and shape of said rod or bar. Said aperture is arranged with its axis at right angles to the direction in which the jaws extend, so as to support the top bar above and parallel with the flange 11. By reason of the location of the apertured lug above the jaws the arrangement of the set-screw 15^a in the upper jaw permits the lower jaw 13 to have a firm and extended bearing upon the under side of the flange, and thus more firmly hold the structure in position.

It will be observed that in the construction shown the opening 15 between the jaws 13 and 14 extends at least as far forward as the innermost portion of the aperture 17, and this construction I prefer for the reason that it brings the top bar so far toward the face of the building as to bring the awning vertically above the flange 11 of the angle-bar and prevent a clear space from being seen between the front edge of the flange 11 and the rear edge of the top bar of the awning when viewed from below by looking directly upward.

As a means for preventing longitudinal movement of the rod or bar 18 within the fixture, I prefer to provide a keyway or groove 19 in the wall of the aperture 17, said keyway being adapted to receive a suitable tapering key 20—such, for instance, as an ordinary nail—which will serve to bind against the rod and lock it in place in the fixture. I also prefer to provide the fixture with an

aperture 21, by means of which a pulley or block may be connected with it to receive the ropes or cords by means of which the awning is raised or lowered.

- 5 It will be observed that by the use of two or more fixtures of the character described the awning rod or bar may be rapidly and, in fact, practically instantaneously secured to the projecting flange of the beam and firmly
10 locked in position by the set - screws, all drilling and riveting being done away with, and the time, labor, and expense of riveting the fixtures in place being thus avoided. It will also be observed that when necessary
15 provision is made for securing the top rod or bar of the awning to the fixture in such a manner as to prevent longitudinal motion thereof, although such provision may be frequently dispensed with, as it is often the case that
20 projecting columns or other portions of the building so abut against the ends of said top rod or bar as to hold it in position without any special provisions of the kind described.

The construction just described in detail is that which I prefer; but I do not wish to 25 be understood as limiting my invention to the precise details set forth, as they may be modified without departing from the principle of my invention.

I claim—

30 As a new article of manufacture, an awning - fixture comprising two horizontally-extending clamping-jaws, having between them a space to receive a projecting flange from the building, and an upwardly-extending lug 35 provided with an aperture which is transverse relatively to and is located above the jaws and adapted to receive the top rod or bar of the awning, and a set-screw threaded through the upper jaw to clamp the fixture on the 40 flange, substantially as described.

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