P. L. FRANZ.

AWNING FIXTURE.

APPLICATION FILED DEC. 16, 1913.

1,095,201. Patented May 5, 1914.

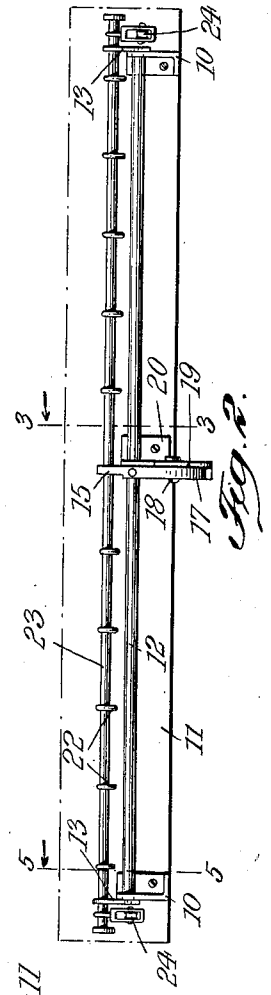


Fig. 2.

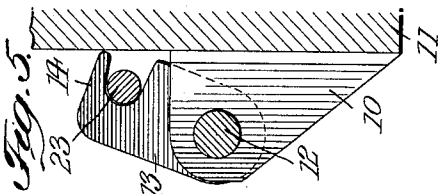


Fig. 5.

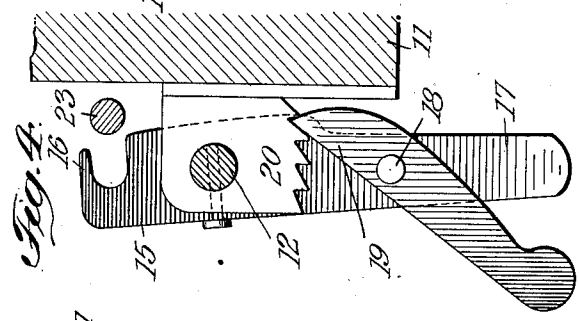


Fig. 4.

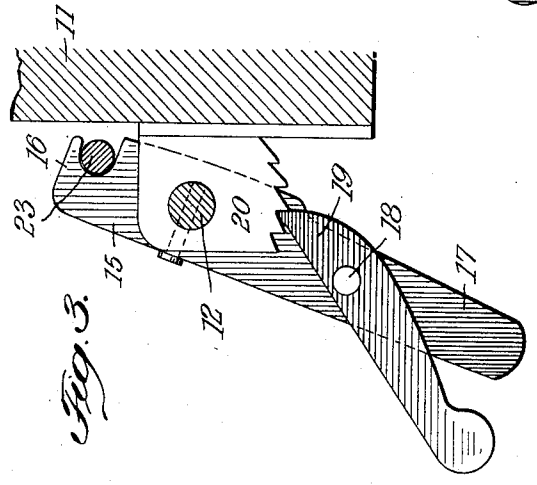


Fig. 3.

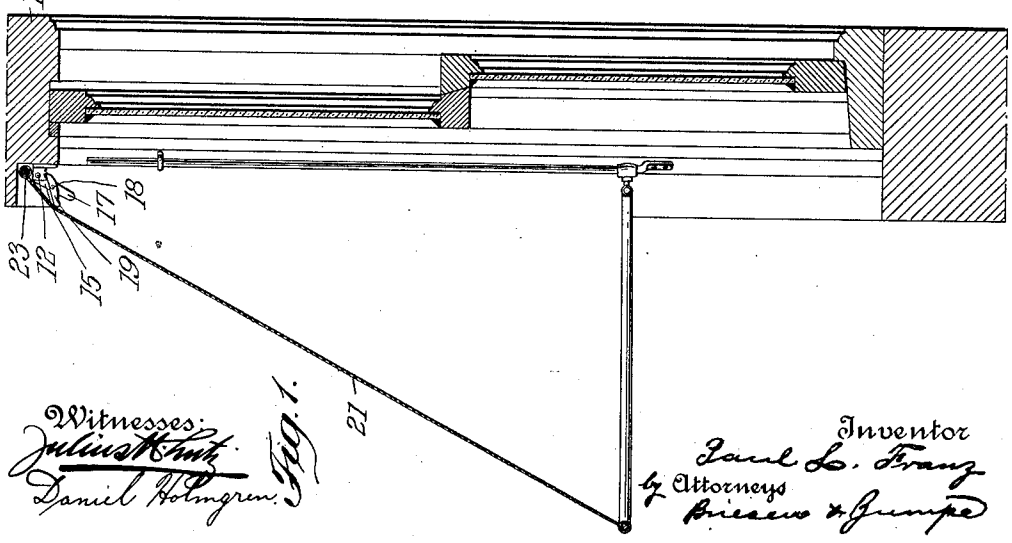


Fig. 1.

Witnesses:
Julius Kunz.
Daniel Holmgren.

Inventor
Paul L. Franz
by Attorneys
Briesen & Gumpe

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

PAUL L. FRANZ, OF WEST NEW YORK, NEW JERSEY.

AWNING-FIXTURE.

1,095,201. Specification of Letters Patent. Patented May 5, 1914.

Application filed December 16, 1913. Serial No. 806,951.

To all whom it may concern:

Be it known that I, PAUL L. FRANZ, a citizen of the United States, residing at West New York, county of Hudson, and State of New Jersey, have invented certain new and useful Improvements in Awning-Fixtures, of which the following is a specification.

This invention relates to an awning fixture of novel construction, which permits the awning to be readily secured to a building or removed therefrom, without the laborious hooking or unhooking operation heretofore generally called for.

In the accompanying drawing: Figure 1 is a vertical cross section of a window provided with an awning fixture embodying my invention; Fig. 2 a front view of the fixture; Fig. 3 an enlarged cross section on line 3, 3, Fig. 2; Fig. 4 a similar cross section showing the parts in a different position, and Fig. 5 an enlarged cross section on line 5, 5, Fig. 2.

The device comprises a pair of end brackets 10, permanently secured to the lintel 11, and apertured for the reception of a horizontally disposed, axially rotatable shaft 12. Upon each end of this shaft there is rigidly mounted a hook 13, the beak 14 of which is directed toward the lintel. A third hook 15 is rigidly mounted somewhere upon the body of the shaft, preferably at or near the center thereof. This third hook has a similarly disposed beak 16, and is provided with an additional tail piece 17, to which there is fulcrumed at 18, a weighted pawl 19. This pawl is adapted to engage the teeth of a serrated bracket 20 that loosely encircles shaft 12, in close proximity to hook 15.

It will be seen that by swinging the tail piece outward (Fig. 3) shaft 12 will be so rocked that all the hooks 13, 15 are moved inward or toward the lintel, while when the tail piece is swung inward (Fig. 4) the hooks are moved away from the lintel. To whatever position the hooks may be set, they will be firmly held by the engagement of pawl 19 with toothed bracket 20, as will be readily understood.

To the top of the awning 21 there is permanently secured by rings 22 or otherwise a rod 23, that is somewhat longer than shaft 12, the ends of the rod carrying the pulleys 24 by means of which the awning is let down or raised.

In order to hang the awning, shaft 12 is so turned by tail piece 17 that all of the hooks are swung outward, (Fig. 4) thus forming a clearance in front of the lintel, through which rod 23 may be passed into engagement with the hooks. The rod should be so adjusted upon the hooks, that it extends at equal distances beyond the shaft 12 at both ends thereof, such protruding ends carrying the pulleys 24, which thus clear the shaft. After the rod has become engaged by the hooks, shaft 12 is by tail piece 17 so turned, that all of the hooks are swung inward (Fig. 3) so that in this way the rod 23 is locked between the hooks and the lintel, and the awning is in this way securely attached to the building.

It will be seen that by the construction described, the awning may, by a simple manipulation, become readily and accurately attached, and may be as readily removed, thus dispensing with the difficult and rather dangerous hooking and unhooking operation heretofore generally resorted to.

I claim:

1. An awning fixture comprising brackets adapted to be attached to a lintel, an axially rotatable shaft journaled therein, a plurality of hooks mounted on said shaft, a rod secured to an awning and adapted to be engaged by the hooks and means for holding the hooks in rod-engaging position.

2. An awning fixture comprising a pair of end brackets adapted to be attached to a lintel, an axially rotatable shaft journaled therein, an additional serrated bracket arranged intermediate the end brackets, a plurality of hooks mounted on the shaft, one of said hooks being provided with a tail piece, a pawl fulcrumed to said hook and adapted to engage the serrated bracket, and a rod secured to an awning and adapted to be engaged by the hooks.

3. An awning fixture comprising a pair of end brackets adapted to be attached to a lintel, an axially rotatable shaft journaled therein, an additional serrated bracket arranged intermediate the end brackets, a plu-

rality of hooks mounted on the shaft, one of said hooks being provided with a tail piece, a pawl fulcrumed to said hook and adapted to engage the serrated bracket, a rod secured to the awning and adapted to be engaged by the hooks, said rod projecting at its ends, beyond the ends of the shaft, and awning-operating pulleys carried by the projecting ends of the rod.

PAUL L. FRANZ.

Witnesses:
FRANK V. BRIESEN,
DANIEL HOLMGREN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."