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G. B. BARTLETT
CRANK AWNING ADJUSTER

Filed Oct. 11, 1926

FIG. 1.

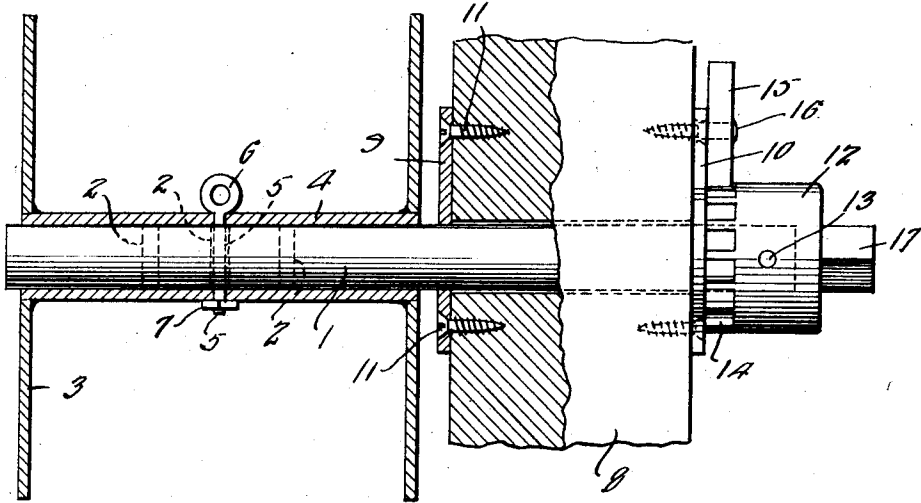


FIG. 2.

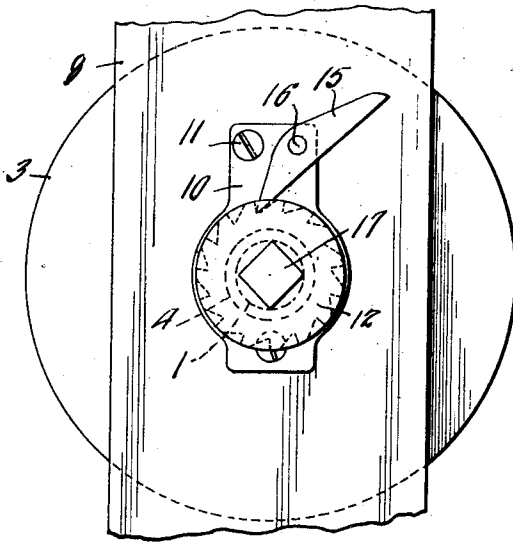


FIG. 3.

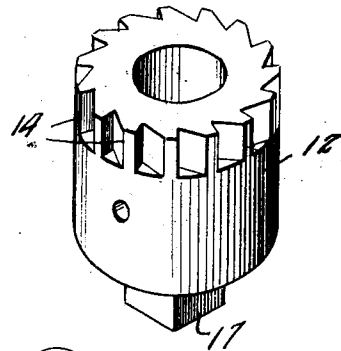
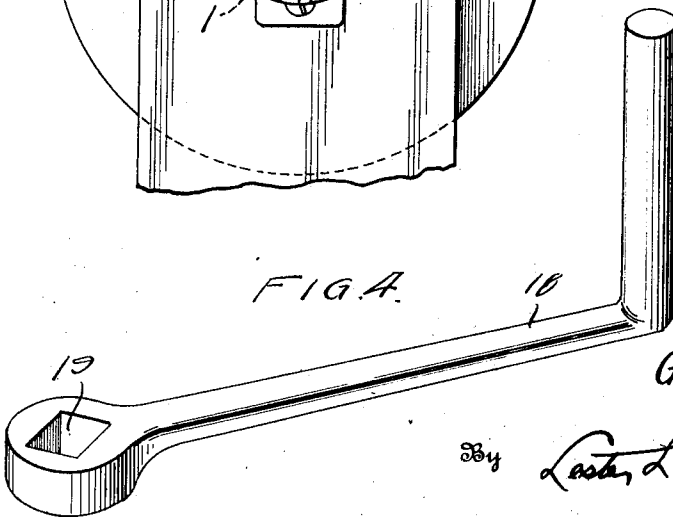


FIG. 4.



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CRANK AWNING ADJUSTER.

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The object of my invention is to provide a novel device for permitting of adjusting awnings from within a building. I attain the objects of my invention by the device illustrated in the accompanying drawings, in which—

Figure 1 is a view partly in section and partly in side elevation of my device mounted in the wall of a building;

Fig. 2 is an end elevation of my invention; Fig. 3 is a perspective view of member 12; and

Fig. 4 is a perspective view of member 18. Like numerals designate like parts in each of the several views.

Referring to the accompanying drawings, I provide a shaft 1 to which a reel 4 is adjustably fastened by an eye bolt 5, which may be inserted through any one of the several passages or apertures 2 in the shaft 1. An eye bolt 5 has an eye 6 and is releasably fastened in place by a nut 7. Reel 4 has the reel sides or discs 3 to complete the reel. Fastened to shaft 1, by bolt or screw 13, is a hub member 12 having ratchet teeth 14 and also having a squared end 17. I provide a crank 18, having a squared aperture or socket 19 engageable on the squared end 17 of hub 12. I also provide a pawl 15 mounted on pivot 16, carried by the plate 10, which is fastened to the wall 8 of the building by suitable screws 11. The pawl pivot support 16 is offset from center toward the end of the pawl which engages the ratchet teeth so that the lighter end of pawl 15 engages the ratchet teeth whereby gravity will tend to release

the pawl from the ratchet. I also provide a plate 9 on the opposite side of the wall, similarly fastened by screws 11.

In use, the end of the cord which controls the awning is attached to eye 6 and wound on the reel 4, which is operated when the shaft 1 is rotated by means of the crank 18 and hub member 12, which is affixed to shaft 1. The device may be adjusted for application on walls of different thicknesses by adjusting the position of the reel on the shaft 1.

What I claim is:

1. In a device of the class described, the combination of an integral hub and ratchet members, a pawl engaging the ratchet teeth, the pawl having its pivot support offset from center toward the end of the pivot engaging the ratchet teeth whereby gravity will tend to release the pawl from the ratchet.

2. In a device of the class described, the combination of an integral hub and ratchet members, a pawl engaging the ratchet teeth, the pawl having its pivot support offset from center toward the end of the pivot engaging the ratchet teeth whereby gravity will tend to release the pawl from the ratchet, a shaft on which the aforesaid hub and ratchet is mounted, the shaft having a plurality of spaced transverse channels therethrough, a reel mounted on the shaft, and a bolt member adapted to engage the reel to extend through any one of the transverse channels in the shaft to permit of adjusting the position of the reel relative to the shaft.

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