Jan. 22, 1952 H. R. PETERS 2,583,230

ADJUSTABLE WINDOW AWNING

Filed Nov. 16, 1948

Fig. 1

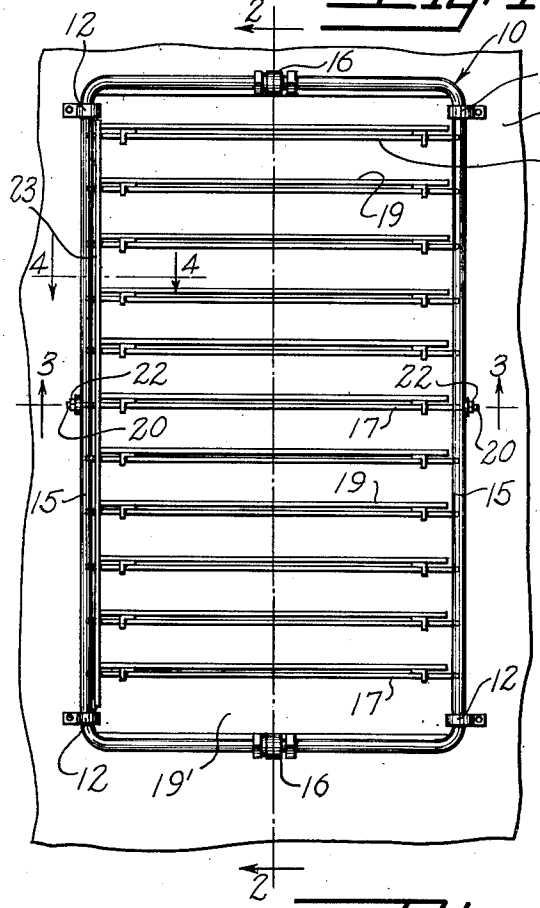


Fig. 2

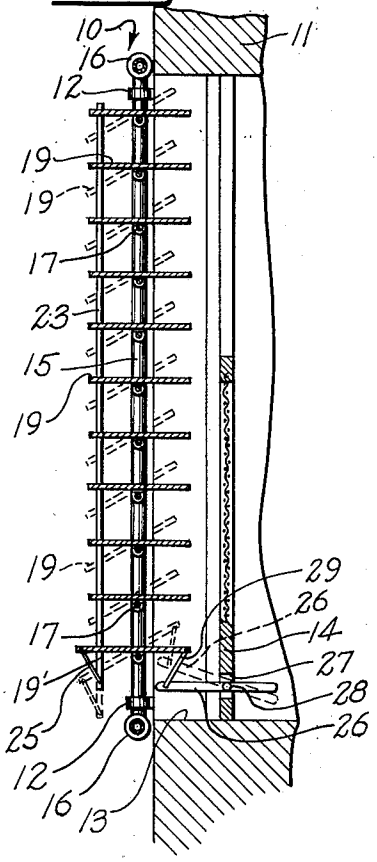


Fig. 3

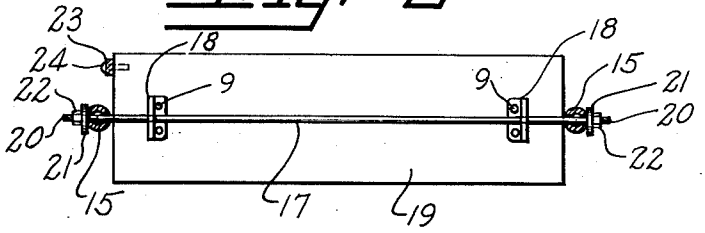
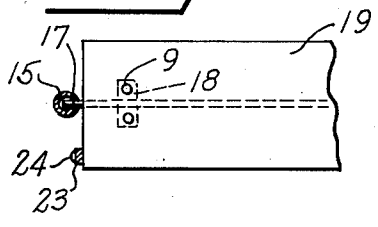


Fig. 4



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ADJUSTABLE WINDOW AWNING

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1 Claim. (Cl. 20—62)

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This invention relates to an adjustable window awning or blind.

The object of the invention is to provide an awning for attachment to the outside of the house and constructed so that the awning can readily be manually adjusted from within the house in order to prevent the direct rays of the sun from striking the window panes.

Another object of the invention is to provide a sturdily-constructed, adjustable window awning embodying a plurality of louvers, which can be manually pivoted in order to allow a maximum amount of light to pass through the window.

A further object of the invention is to provide an adjustable window awning which is extremely simple and inexpensive to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this application, and in which like numerals are employed to designate like parts throughout the same:

Figure 1 is a front elevational view of the adjustable window awning attached to a building;

Figure 2 is a sectional view taken on the line 2—2 of Figure 1;

Figure 3 is an enlarged sectional view taken on the line 3—3 of Figure 1;

Figure 4 is an enlarged sectional view taken on the line 4—4 of Figure 1.

Referring in detail to the drawings, the numeral 10 designates a tubular frame which is secured to the outside of a suitable building 11 by brackets 12. The frame 10 is positioned around a window space 13, there being a window screen 14 seated in the window space 13, Figure 2. The frame 10 is preferably fabricated of tubular steel and embodies a pair of vertically-disposed legs 15 which have their ends curved and connected together by couplings 16.

Extending between the legs 15 and rotatably supported by the latter is a plurality of horizontally-disposed, spaced, parallel rods 17. Supported on each of the rods 17 and secured thereto by a pair of spaced clamps 18 is a louver slat 19, the clamps 18 being secured to the bottom of the louvers 19 by suitable rivets 9. The louvers 19 are mounted for pivotal movement about a horizontal axis. The supporting rods 17 extend longitudinally below the louvers 19 intermediate the sides thereof. The centermost rod 17 has its opposite ends threaded, as at 20, and extending beyond the legs 15 for bracing the legs of the frame, there being a washer 21 arranged on each end of the intermediate rod 17, and a castle nut or securing element 22 is threaded thereon for maintaining the parts in assembled relation.

For causing pivotal movement of the louvers 19 in order to control the amount of sunlight or air passing therebetween, a manually-operable means is provided. This means comprises a vertically-disposed strap 23 pivotally connected to the

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end of each of the louvers 19 by a pin or rivet 24. The lowermost louver 19' has its forward end connected by a bar or link 25 to the bottom of the strap 23. The rear end of the louver 19' is connected to an actuating lever 26 by a bar 29. The lever 26 projects into the building through an aperture 27 in the window screen 14 and is pivotally connected thereto by a pin 28.

In use, the lever 26 may be pivoted by a person remaining in the building. Movement of the lever 26 causes each of the louvers 19 to be swung from their solid line position (Figure 2) to their dotted line position, or vice versa, in order to prevent the direct rays of the sun from shining through the window. This awning insures that the building will remain cooler and lighter, and by the sturdy construction described and shown, the awning is capable of withstanding severe storms.

As many embodiments may be made of this inventive concept, and as many modifications may be made in the embodiment hereinbefore shown and described, it is to be understood that all matter herein is to be interpreted merely as illustrative and not in a limiting sense.

I claim:

In an adjustable window awning, a tubular frame adapted to be secured to a building, said frame embodying a pair of spaced parallel vertically disposed legs, the ends of said legs being curved, and couplings connecting the ends of said legs together a plurality of spaced parallel horizontally disposed rods extending between said legs and rotatably supported by the latter, a louver arranged adjacent each of said rods, a pair of spaced parallel clamps for connecting each of said louvers to a complemental rod, said louvers being mounted for pivotal movement about a horizontal axis, manually operable means for causing pivotal movement of said louvers, said means comprising a vertically disposed strap pivotally connected to one end of each of said louvers, a lever arranged below the lowermost of said louvers, a link connecting the lowermost louver to said strap, a bar connecting one end of said lever to said lowermost louver, the centermost of said rods having its opposite ends threaded and extending beyond said legs, and a securing element arranged in engagement with the threaded ends of said centermost rod.

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