Jan. 26, 1926. 1,571,012

E. KEUSER, SR

ANTIRATTLER FOR WINDOWS

Filed March 11, 1925

Fig. 1.

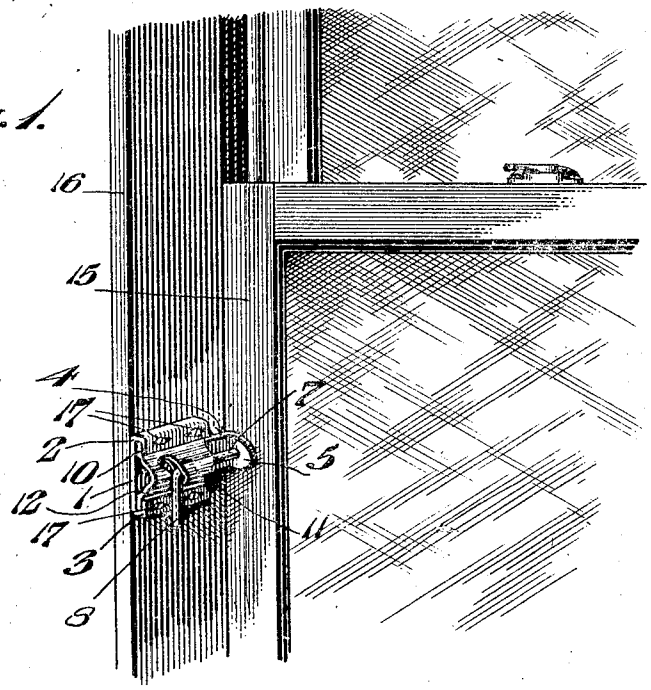


Fig. 2.

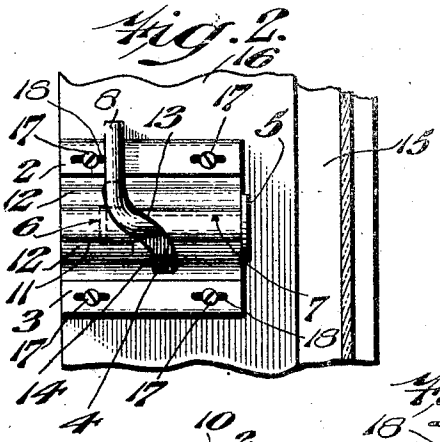


Fig. 3.

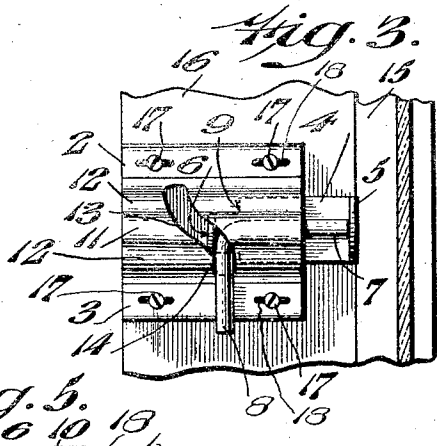


Fig. 4.

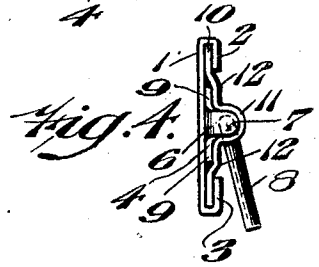
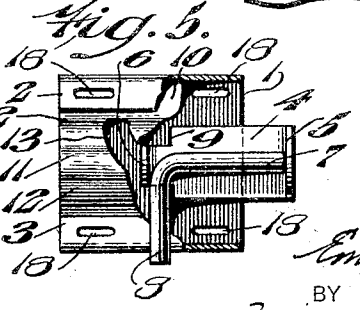


Fig. 5.



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UNITED STATES PATENT OFFICE.

EMANUEL KEUSER, SR., OF PALMYRA, NEW JERSEY.

ANTIRATTLER FOR WINDOWS.

Application filed March 11, 1925. Serial No. 14,609.

To all whom it may concern:

Be it known that I, EMANUEL KEUSER, SR., a citizen of the United States, residing at Palmyra, in the county of Burlington and State of New Jersey, have invented a certain new and useful Antirattler for Windows, of which the following is a specification.

The present invention relates to an article of hardware and has more especial relation to an antirattler for window sash or the like.

The leading object of the present invention may be said to reside in the providing of an article of hardware of the character stated for attachment to, for instance, a window frame for convenient and rapid adjustment to prevent rattling of a window sash or the like.

A further object of the present invention is to provide an article of the character stated which may be manufactured of few parts, which may be readily attached to a window frame by unskilled labor and which may be sold at comparatively little cost.

A further object of the present invention is to provide an article of the character stated which is entirely devoid of springs thus insuring an article capable of long and continued efficiency and use.

A further object is to provide an article of the character stated in which means are provided for adjusting the article toward or away from a window sash or the like.

Other and further objects reside in the provision of general details of construction and arrangement and combination of parts for attaining the results sought by the foregoing objects.

The invention consists of the novel construction hereinafter described and finally claimed.

The nature, characteristic features and scope of the invention will be more fully understood from the following description taken in connection with the accompanying drawings forming part hereof, and in which:

Fig. 1, is a view in perspective of a window equipped with an antirattler embodying the invention.

Fig. 2, is a fragmentary view illustrating the antirattler in unlocked position.

Fig. 3, is a similar view illustrating antirattler in locked position.

Fig. 4, is an edge view of the antirattler in the position shown in Fig. 3, and

Fig. 5, is a face view of the antirattler in the position shown in Fig. 3 with certain parts broken away for clearer illustration.

For the purpose of illustrating my invention I have shown in the accompanying drawings one form thereof which is at present preferred by me, since the same has been found in practice to give satisfactory and reliable results, although it is to be understood that the various instrumentalities of which my invention consists can be variously arranged and organized and that my invention is not limited to the precise arrangement and organization of the instrumentalities as herein shown and described.

Referring to the drawings in detail, the reference numeral 1 designates a supporting plate of metal the upper and lower edges of which are turned over upon themselves to provide an upper flange 2 and a lower flange 3. Arranged for endwise shiftable movement upon said plate 1 is a thin, flat member 4 having a lateral projection at each end thereof. The inner projection is designated 5 and the outer projection is designated 6. A bolt 7 having a handle 8 is arranged between said projections 5 and 6 for partial rotation with respect to the member 4. The handle end of the bolt abuts against projection 6 and the opposite end of bolt 7 abuts against projection 5. That end of member 4 provided with projection 6 is cut away as at 9 for a purpose to presently appear. The reference numeral 10 designates a keeper for said member 4 and bolt 7 and is snugly fitted beneath the flanges 2 and 3 of plate 1 as clearly shown in Fig. 4. The keeper 10 is provided with a central, longitudinal guide-way 11 for the bolt 7, see Fig. 4, and is provided with a separate guide-way 12 for the member 4. Thus, by shifting bolt 7 endwise through its guide-way 11 member 4 is shifted endwise through its guide-way 12, it being understood that the bolt 7 and member 4 travel together but are not connected together either by springs or other fastening connections. This is so because the two guide-ways support the bolt and member independently of one another. The keeper is slotted as at 13 to provide a camface through which slot the handle 8 of bolt 7 projects. In the unlocked position of the antirattler the handle 8 assumes a vertical upwardly projected position as shown in Fig. 2, and in locked position the handle 8 assumes a vertical downwardly projected position. In this latter position the handle

8 is forced against the substantially vertical wall 14 of slot 13 to bind projection 5 of member 4 against the sash 15 of a window or the like, which position is clearly shown in Fig. 1. The above described device is attached to the jamb 16 of the window as by screws 17 and if desired slots 18 may be present to permit of adjustment of the device as a whole toward or away from sash 15. Both the flanges 2 and 3, keeper 10, and plate 1 are of course slotted to permit insertion of screws 17. By the above described arrangement and construction of parts a person has merely to shift the handle 8 from the position shown in Fig. 2, to the position shown in Fig. 3 to secure a quick acting and efficient locking of parts to prevent window rattling. It is to be noted in this respect that the flat, relatively broad projection 5 of member 4 thus abuts against the window frame 15, as best seen in Fig. 1. This broad contact is much more suitable to prevent window rattling than the small end of a bolt would be. In shifting the member 4 to the left or away from frame 15 the cut-away portion 9 permits movement of member 4 without jamming within the guideway 11.

It will now be apparent that I have devised a novel and useful construction which embodies the features of advantage enumerated as desirable in the statement of the invention and the above description and while I have in the present instance shown and described the preferred embodiment thereof which has been found in practice to give satisfactory and reliable results, it is to be understood that the same is susceptible of modification in various particulars without departing from the spirit or scope of the invention or sacrificing any of its advantages.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. As a new article of manufacture, an antirattler comprising a supporting plate, an endwise shiftable member having a lateral projection at each end thereof, a bolt having a handle arranged between said projections for partial rotation with respect to said members and a keeper for said member and said bolt fixed to said plate, said keeper being slotted to form a cam-face, through which slot said handle projects.

2. As a new article of manufacture, an antirattler comprising a supporting plate, an endwise shiftable member superimposed upon said supporting plate, said member having a lateral projection at each end thereof, a bolt superimposed upon said member, said bolt having a handle arranged between said projections for partial rotation with respect to said members and a keeper for said member and said bolt fixed to said plate, said keeper being slotted to form a cam-face, through which slot said handle projects.

3. As a new article of manufacture, an antirattler comprising a supporting plate, an endwise shiftable member superimposed upon said supporting plate, said member having a lateral projection at each end thereof, a bolt superimposed upon said member, said bolt having a handle arranged between said projections for partial rotation with respect to said members and a keeper for said member and said bolt fixed to said plate, said keeper having separate guideways for said member and bolt, said keeper being slotted to form a cam-face, through which slot said handle projects.

4. The combination of a window-sash, including its complemental window-jamb, of an antirattler comprising a supporting plate fixed to said window-jamb, an endwise shiftable member having a lateral projection at each end thereof, one of said projections being arranged to engage with said window-sash, a bolt having a handle arranged between said projections for partial rotation with respect to said member and a keeper for said member and said bolt fixed to said plate, said keeper being slotted to form a cam-face, through which slot said handle projects.

In testimony whereof, I have hereunto signed my name.

EMANUEL KEUSER, SR.