

(No Model.)

E. NAEGELE.
SASH HOLDER.

No. 466,104.

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Fig. 1.

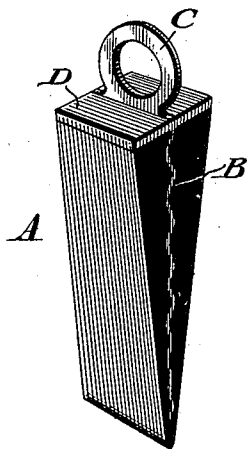


Fig. 2.

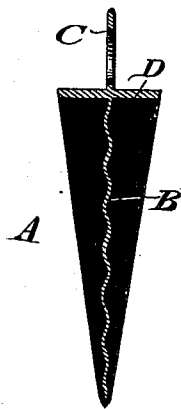
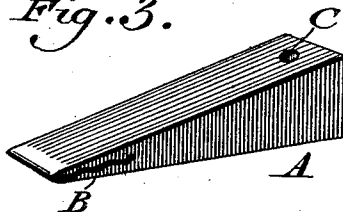


Fig. 3.



WITNESSES:

P. F. Nagle.
L. Douville

INVENTOR.

Eugene Naegle
BY *John A. Diersheim*
ATTORNEY.

UNITED STATES PATENT OFFICE.

EUGENE NAEGELE, OF PHILADELPHIA, PENNSYLVANIA.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 466,104, dated December 29, 1891.

Application filed April 29, 1891. Serial No. 390,912. (No model.)

To all whom it may concern:

Be it known that I, EUGENE NAEGELE, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Anti-Rattling Devices for Windows, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a device adapted to prevent the rattling of window-sashes, the same being constructed of a wedge-shaped plug of soft rubber or other elastic or flexible material with a stiffening-core therein for preventing bending of the point of the device when presented to the place of service, and a plate forming a stop or abutment for the head end of the plug for preventing displacement of the elastic material at said end.

Figure 1 represents a perspective view of an anti-rattling device embodying my invention. Fig. 2 represents a central longitudinal section thereof. Fig. 3 represents a perspective view of a modification.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates a plug, which is wedge-shaped and formed of soft rubber or other suitable elastic or flexible material, the same being designed to be inserted between the meeting-rails of window-sashes, or between either stile of a sash and the window-frame thereof, so as to prevent rattling of the sash or sashes, it being seen that said plug may be pressed firmly into position, thus tightening the sash or sashes without injuring the contiguous parts of the wood-work. Within the plug is a core B, of metal or other sufficiently rigid material, which serves to stiffen the plug, especially at the point thereof, and thus prevent bending of the latter when presented to and forced into the place of service, the yielding nature of the sides of the plug being, however, pre-

served. At the head end of the plug is an eye C, which permits the device to be handled and provides means for hanging the same on a nail, &c., when not in use, said eye being continuous of the core. In Fig. 3 the point-portion of the plug is stiffened by a core, this being sufficient to prevent bending of the same, while in the other figures the core is continuous throughout the plug and the eye is integral with said core.

In order to prevent the core from being withdrawn from the plug, it is corrugated, roughened, &c., so as to take firm hold of the material of the plug or interlock therewith, the effect of which is evident.

The core may be embedded in the plug in the course of manufacturing the same, or the plug may be divided or formed of separate parts and the core inserted between the same, the parts then being cemented and closed, so that all are connected as one.

In order to prevent the elastic material from being forced longitudinally from the core, the head end of the latter is formed with a plate D, the same constituting an abutment for said material, it being evident that when the device is presented between the rails or stiles and forced into the joint thereof it does not bend, owing to the core therein, its elasticity and holding action, however, being preserved and the elastic material prevented from being forced backward or creeping off, owing to the plate D acting as a stop therefor.

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

An anti-rattling device consisting of an elastic plug, a stiffening-core therein, and a stop-plate at the head thereof, said parts being combined substantially as described.

EUGENE NAEGELE.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. JENNINGS.