G. G. ALTMAN.

WINDOW SASH FASTENER.

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1,095,368.

Patented May 5, 1914.

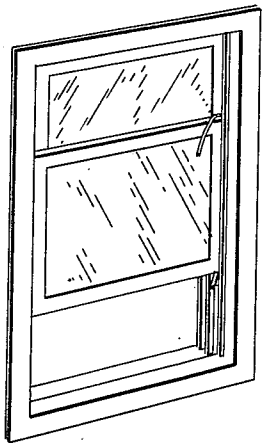


Fig. 2.

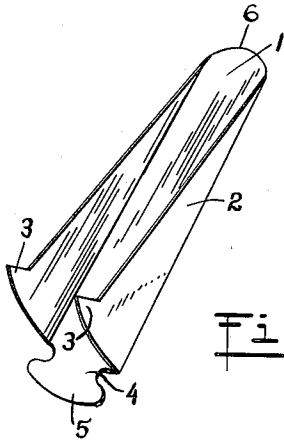


Fig. 1.

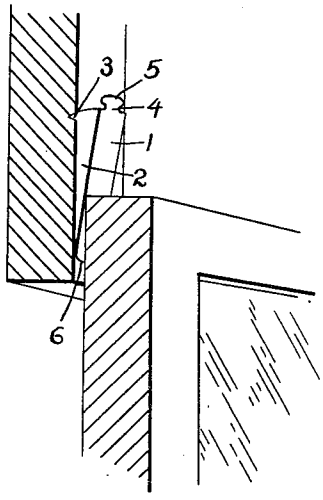


Fig. 3.

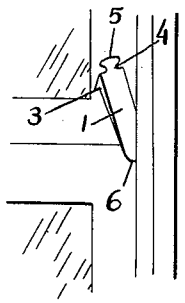


Fig. 5.

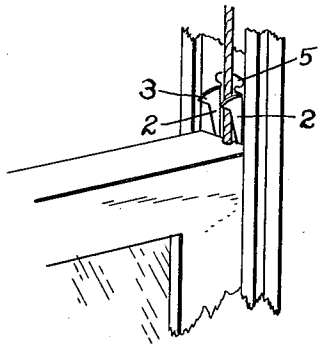


Fig. 4.

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WINDOW-SASH FASTENER.

1,095,368. Specification of Letters Patent. Patented May 5, 1914.

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To all whom it may concern:

Be it known that I, GEORGE G. ALTMAN, a citizen of the United States, residing in the city, county, and State of New York, have invented certain new and useful Improvements in Window-Sash Fasteners, of which the following is a specification.

My invention relates to a window fastener and the main object of my invention is to provide a simple inexpensive means for locking the window, to prevent rattling and to support the sash when in open position.

The various other objects of the invention will be more fully set forth in the following description of a device embodying my invention, which consists in the new and novel features of construction and arrangement of parts hereinafter set forth and claimed.

In the accompanying drawing Figure 1 is a perspective view of a preferred embodiment of my invention; Fig. 2 is an elevational perspective view of a window showing one of my fasteners in position supporting the window sash; Fig. 3 is a fragmentary view of a window frame showing my fastener in position locking the sash and Fig. 4 is a similar view showing the fastener in one position to prevent rattling of the sash. Fig. 5 is a fragmentary front elevation of the window casing, showing another manner of applying the fastener.

Describing the embodiment selected to disclose the invention there is shown an integral article preferably stamped to shape from a sheet of metal and bent into channel form illustrated.

The fastener comprises an elongated back or body portion 1 extending preferably at right angles from opposite side edges of which is a pair of outstanding parallel flanges 2 forming an open end channel with the body portion 1. Each flange is of progressively decreasing width from one end toward the other to form a wedge, and to resist any tendency of these flanges to bend when the device is used as a wedge the same may be braced in any known manner by which sheet metal members are now reinforced against strains in their own plane, such as forming the flanges with suitably disposed corrugations. Extending outwardly from the broad end of each flange 2 is a prong 3 which may be driven into the frame or sash of the window to secure the fastener in place and to provide a means to prevent the loss or misplacing of the device the same may be secured by a string engaging the neck 4 of the head 5 which extends from the body 1 adjacent the broad end of the flanges 2. The opposite end of the body portion 1 is defined by a rounded nose 6 which acts to facilitate the introduction of the wedge into narrow cracks between the sash and adjacent parts.

A device such as described has numerous uses and as shown in Fig. 2 may be used as a wedge to support a sash in open position in case the sash cord is inoperative for any reason. As shown in Fig. 3 the fastener may engage the frame, or one of the sashes, to lock the other sash immovably in position, or as shown in Fig. 4, may be disposed between the frame and sash to prevent rattling and it is noted that, when the fastener is positioned between the edge of the sash and the adjacent portion of the frame, the channel permits the disposition of the wedge in place with the sash cord in the channel thus forming a neat arrangement without presenting a cutting edge to the sash cord.

It is obvious that this device is cheaply and easily constructed, that there is but little loss of waste material and that it is capable of withstanding all strains incidental to a device intended for the purposes outlined.

It is apparent that many variations of the device herein described are within the skill of the mechanic as for instance a bearing surface and reinforcing rib may be formed by inturning the free edges of the flange 2 and I therefore do not limit myself to the exact structure illustrated provided the means recited in the following claims be employed.

Having thus described my invention, I claim:—

1. As an article of manufacture, an integral sheet metal window sash fastener open at both ends comprising a flat body portion, parallel side flanges extending from said body portion to form an open ended channel therewith and adapted to have a sash cord positioned therein and extend in a straight line in opposite directions therefrom, both of said flanges decreasing in width from one end toward the other to form a wedge and each of said flanges having a prong extending from the broad portion thereof and in the plane thereof af-

fording means for temporarily attaching said fastener to a window frame.

2. An integral window sash fastener, comprising a sheet metal open ended channel shape wedge adapted to contain the sash cord within the channel and comprising a bottom member having a rounded nose at one end, side flanges inclined toward said rounded nose to form a wedge, and a prong extending from one of said flanges and in the plane thereof and spaced from the end adjacent said rounded nose for fastening the wedge in place.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

GEORGE G. ALTMAN.

Witnesses:
DOROTHY DAMES,
M. J. COOPER.