May 3, 1932. A. T. LARSEN 1,856,569

STORM SASH FASTENER

Filed Nov. 28, 1930

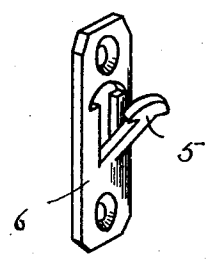

Fig. 1.

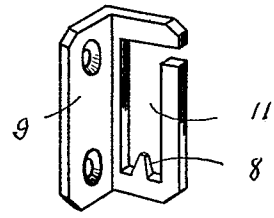

Fig. 2.

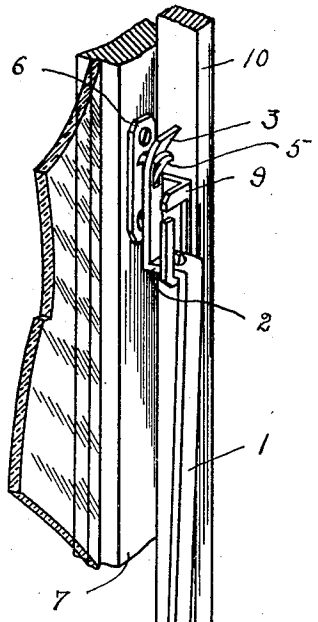

Fig. 3.

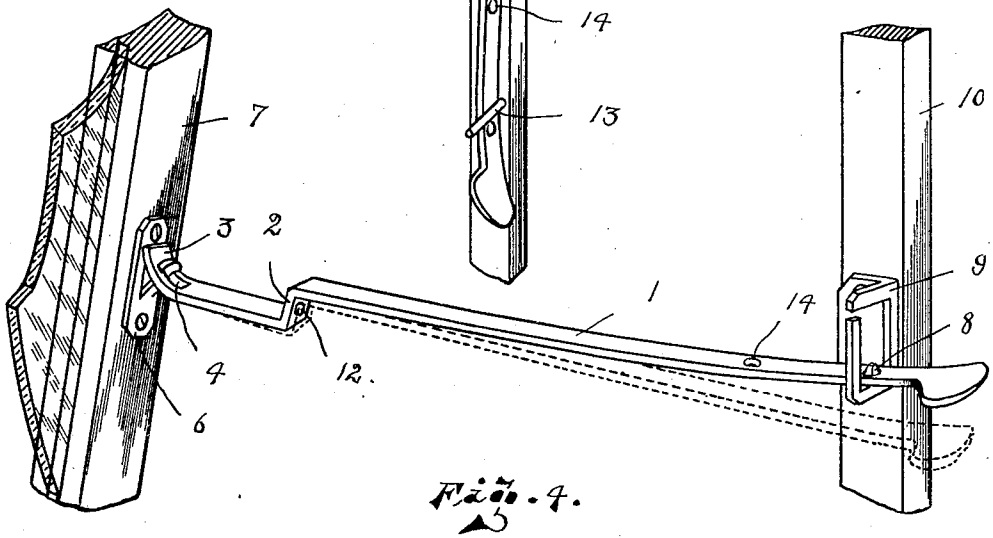

Fig. 4.

Inventor

Arthur T. Larsen.

By Geo. Stevens.

Attorney

Patented May 3, 1932 1,856,569

UNITED STATES PATENT OFFICE

ARTHUR T. LARSEN, OF DULUTH, MINNESOTA

STORM SASH FASTENER

Application filed November 28, 1930. Serial No. 498,725.

This invention relates to storm sash fasteners, the principal object of my present invention being that of providing a more practical and efficient device for such purpose.

Other objects and advantages of the novel structure will appear in the following description thereof.

Referring now to the accompanying drawings, forming part of this application, and wherein like reference characters indicate like parts:

Figure 1 is a perspective view of the member of the device applicable to the storm sash;

Figure 2 is a similar view of the member applicable to the stop of the window;

Figure 3 is a perspective view of the completely assembled device showing the storm sash in closed position; and

Figure 4 is a similar view illustrating the storm sash in one of its open positions.

1 represents the fastener arm, preferably of spring metal suitable for the purpose, one end of which is designed to engage the storm sash, and which end is offset as at 2 from the major body portion 1, though substantially parallel therewith except at its extreme outer end as at 3 where it is arcuate in shape and provided with the elongated rectangularly shaped slot 4. This slot 4 is for engagement upon the arrowhead tongue 5 of the plate 6 which is attached as by suitable screws to the storm sash 7.

The tongue 5 of the plate 6 is struck therefrom and extends at a suitable angle from the body portion of the plate for cooperative engagement with the arcuate end 3 of the fastener arm so that when the storm sash is open to any material extent a binding of the tongue member and end of the arm occurs, which tends to bias downwardly the handle or inner end of the fastener arm as clearly illustrated in Figure 4 of the drawings. This biasing effect of the inner end tends to firmly hold it downwardly upon the peg or tit 8 of the bracket member 9 which is fixed to the stop 10 of the window, there being any desired number of holes 14 for such engagement. This bracket 9 is an angle bracket and provided with the vertically elongated opening 11 therein at the bottom of which occurs the upstanding peg 8, it being formed integral therewith.

The step 2 is provided with a suitable hole as indicated at 12 for engagement with the peg 8 when a storm sash is completely closed as illustrated in Figure 3 of the drawings, thus providing a secure locking of the storm sash when so desired, and a peg indicated at 13 may be installed within the stop 10, behind which the free end of the fastener arm may be engaged as illustrated.

From the above it is evident that I have provided an exceedingly simple and efficient storm sash support or fastener, of which one or two may be used for each window, thus providing against the annoyance by rattling of such window when in either opened or closed position.

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

1. A storm sash fastener for windows including in combination an element attachable to the storm sash having an upwardly inclined holding tongue protruding therefrom, an arm one end of which is arcuate in form and having a hole therethrough for engagement about said tongue, a bracket attachable to the window stop for selective engagement with the opposite end of the arm, substantially as described.

2. A storm sash fastener for windows including in combination an element attachable to the storm sash having an upwardly inclined tongue protruding therefrom, an operating arm, the outermost end of which is stepped and arched upwardly having a hole therethrough for engagement about the head of said tongue, a bracket attachable to the window stop for selective engagement either with the opposite end of the arm or the stepped portion.

In testimony whereof I affix my signature.

ARTHUR T. LARSEN.