Dec. 15, 1925.

1,566,236

A. SKURDAL

HINGE

Filed March 21, 1924

Fig.1.

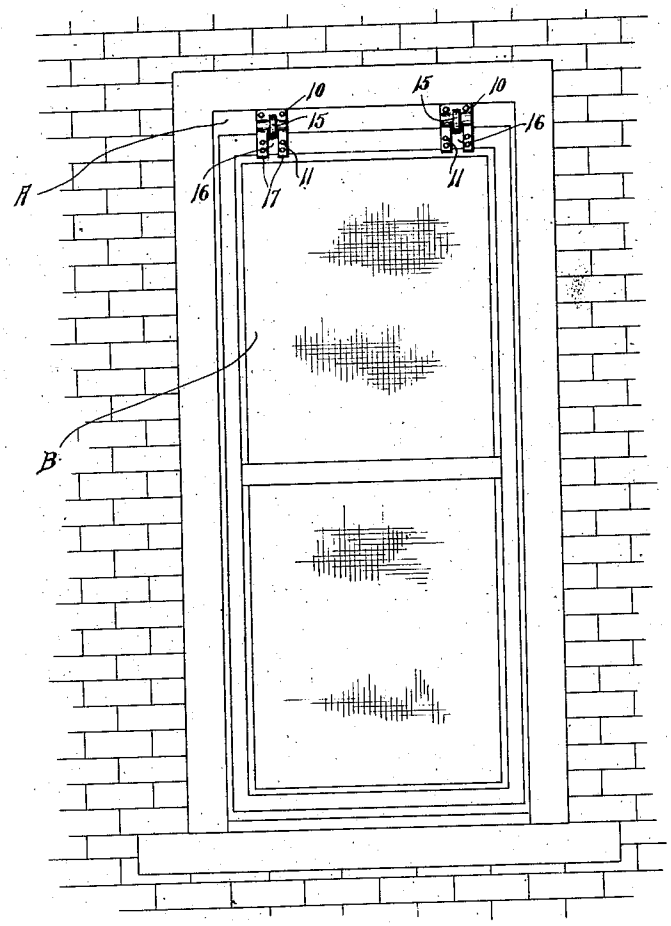
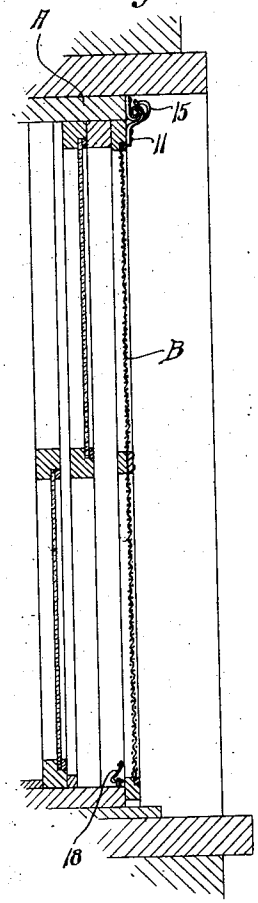


Fig.2.



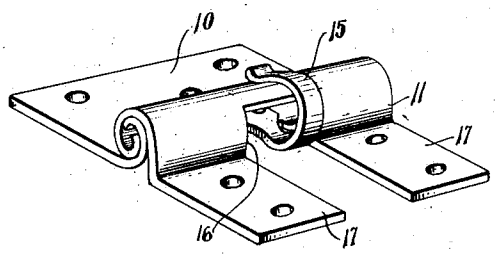


Fig.3

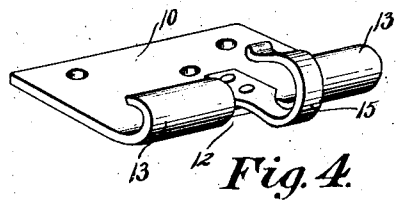


Fig.4.

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UNITED STATES PATENT OFFICE.

ANSOPH SKURDAL, OF BELMONT, MONTANA.

HINGE.

Application filed March 21, 1924. Serial No. 700,864.

To all whom it may concern:

Be it known that I, ANSOPH SKURDAL, a citizen of the United States, residing at Belmont, in the county of Golden Valley and State of Montana, have invented new and useful Improvements in Hinges, of which the following is a specification.

This invention relates to hinges and has for its chief characteristic the provision of a hinge primarily designed for supporting a window screen or storm window from the outside of a window casing, allowing the screen or window to be swung outwardly to an open position, and provided with means for holding the window or screen in its given position.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawing, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawing forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:

Figure 1 is a view showing the manner of supporting a window screen in accordance with the present invention.

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

Figure 3 is a detail view of one of the hinges removed from the screen and window.

Figure 4 is a view showing separate parts of the hinge.

Referring to the drawings in detail, A indicates a window casing and B a window screen or the like which is adapted to be supported from the window casing for swinging movement, whereby the screen can be swung outwardly to an open position. For this purpose, the screen is attached to the outside of the window casing adjacent its upper corners by means of a pair of hinges constructed in accordance with the present invention, when it is designed to hold the screen or the like in a given position when swung outwardly.

Each of these hinges includes hinged plates 10 and 11 respectively, the former being adapted to be secured in any suitable manner to the outside of the window casing, and the latter secured to the screen. The plate 10 is centrally cutaway at one side as at 12, thereby providing separated portions 13 which are adapted to be rolled into semi-cylindrical contour, while arranged between these rolled portions is a spring 15.

The plate 11 is similarly cutaway as at 16 to provide separated portions 17, but in this instance the body of the plate 11 is completely rolled as shown to fit within the semi-cylindrical rolled portions of the plate 10 and that the separate portions 17 on the plate 11 are adapted to be secured to the window screen. The spring 15 above referred to is shaped to embrace and frictionally contact the rolled body portion of the plate 11, so that when the screen is swung upon its hinge, the springs contacting the rolled portions of the plates 11 will hold the screen in any given opened position. When the screens are swung inwardly to a closed position, they may be locked in this position by means of hooks 18 carried by the lower ends of the screen and adapted to engage eyes supported by the window casing.

While it is believed that from the foregoing description, the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described, and that such changes may be resorted to when desired as fall within the scope of what is claimed.

Having thus described the invention, I claim:

A hinge comprising a bifurcated plate having one of its edges rolled upon itself, such rolled edge being provided with a cut-out depression a second plate having one edge transversely curved and having pivotal engagement with the other rolled part, and a leaf spring secured to the last mentioned plate and longitudinally curved and resiliently engaging the first mentioned rolled part whereby to retain the two plates in adjusted position.

In testimony whereof I affix my signature.

MRS. ANSOPH SKURDAL.