

No. 877,088.

C. M. KINSEY.
WINDOW LOCK.
APPLICATION FILED JULY 23, 1907.

PATENTED JAN. 21, 1908.

2 SHEETS—SHEET 2.

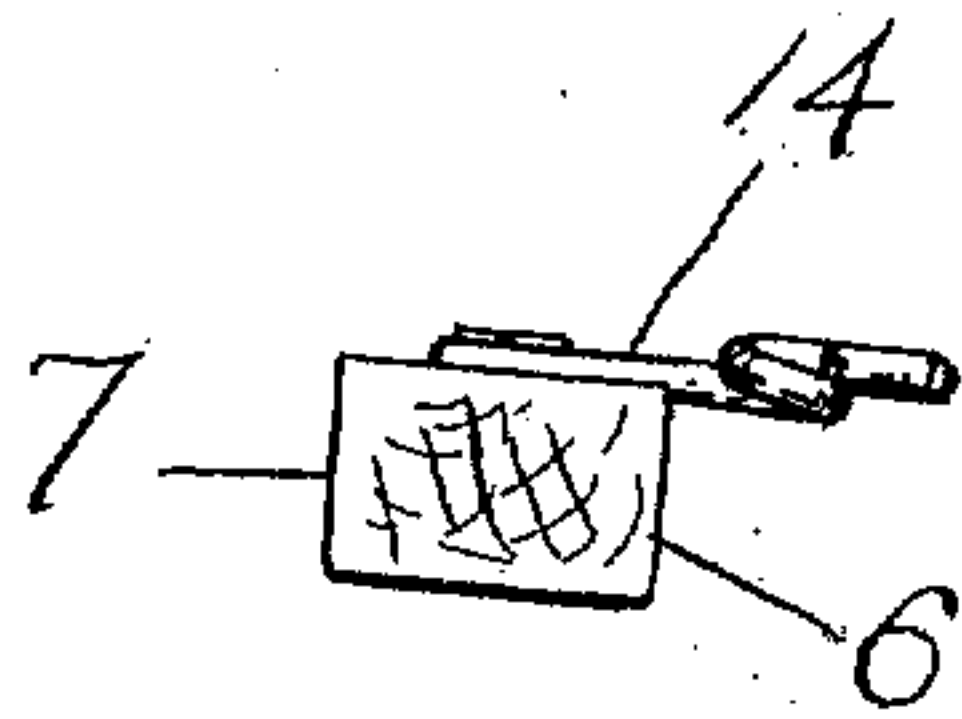


Fig. 3.

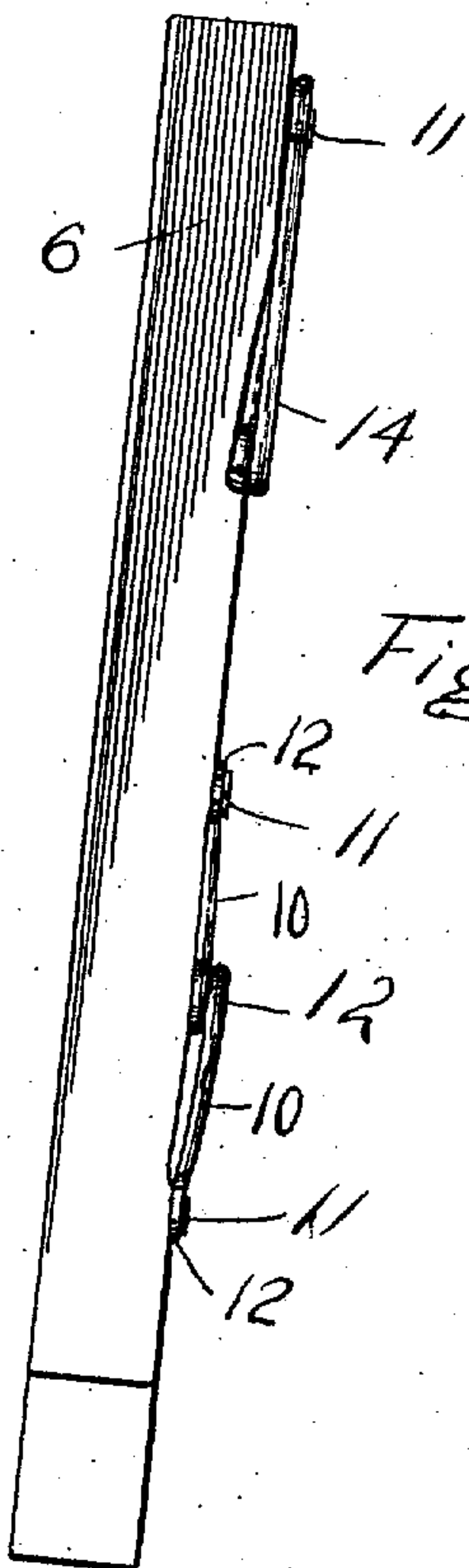


Fig. 4.

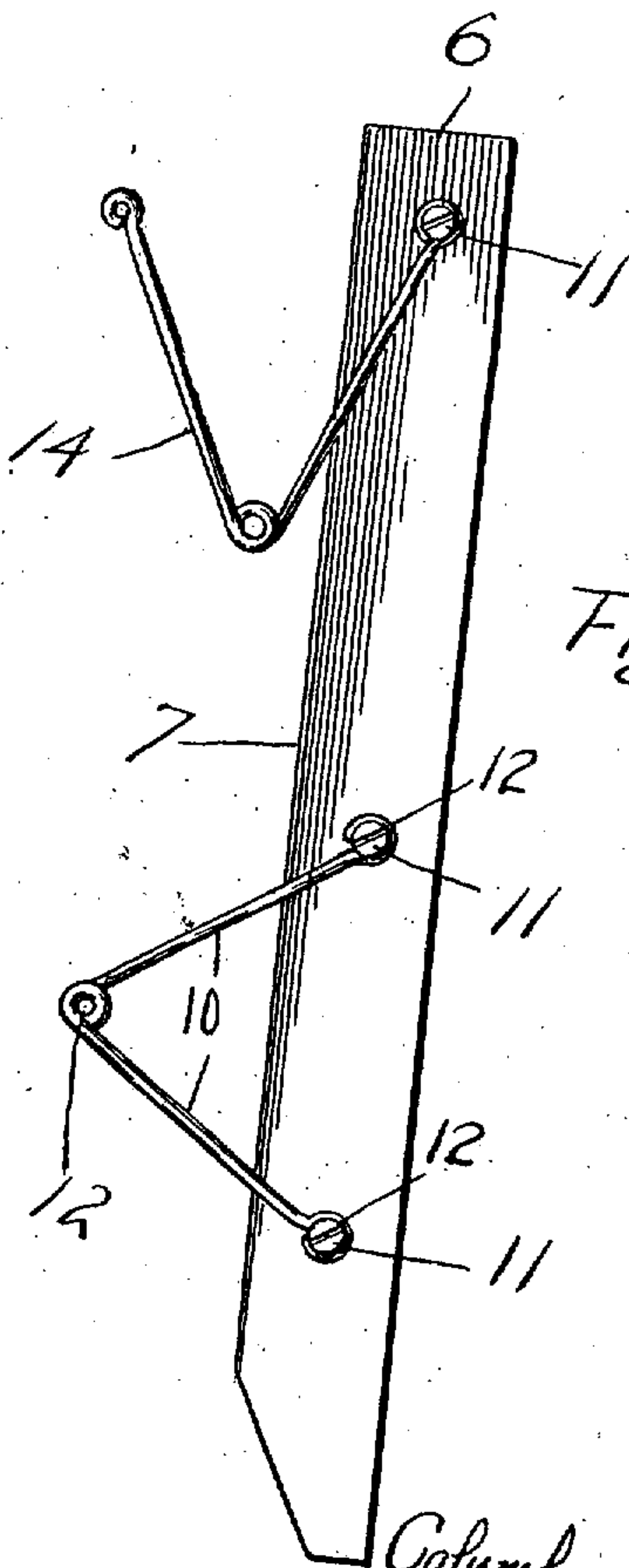


Fig. 5.

Witnesses
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UNITED STATES PATENT OFFICE.

COLUMBUS M. KINSEY, OF KING, TEXAS.

WINDOW-LOCK.

No. 877,088.

Specification of Letters Patent.

Patented Jan. 21, 1908.

Application filed July 23, 1907. Serial No. 385,202.

To all whom it may concern:

Be it known that I, COLUMBUS M. KINSEY, a citizen of the United States, residing at King, in the county of Coryell, State of Texas, have invented certain new and useful Improvements in Window-Locks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to window sash balances and has for its object to provide a frictional balance which will be highly efficient in action and which may be applied to any window with merely the use of a screw driver.

In carrying out my invention I provide a friction element which is in the form of a strip of wood and also provide spring members which are connected with the friction member and secured to the window frame in such a manner as to hold the friction element tightly against the sash.

In the accompanying drawings, Figure 1 is a side elevation of the device showing the manner of applying the same to a window frame and sash, Fig. 2 is a similar view of the device showing the position which the friction member would assume if the sash were not in place, Fig. 3 is a top plan view of the balance, Fig. 4 is a front elevation thereof in place upon the window, and, Fig. 5 is a view similar to Fig. 1 but of the opposite side of the balance.

As shown in the drawings, the balance embodying my invention, comprises a friction member which is indicated by the numeral 6 and which is in the form of a strip of wood. The friction or working face of the strip is indicated by the numeral 7 and is designed to bear against the stile of the sash. The stile of the window sash is indicated by the numeral 8 and the stile of the window frame by the numeral 9.

The friction member is attached pivotally at its upper end to the window frame stile by means of a wire attaching member which is substantially V-shaped and is secured at the ends of its arms 10 by means of screws 11

to the said friction member 6. In order to form the wire member, the wire is bent at its middle and coiled once and through the eye formed by this coil, which eye is indicated by the numeral 12, is passed a screw 13 which is screwed into the stile of the window frame. This wire attaching member, of course, projects inwardly from the friction strip 6 in order that the friction face of the said member may be forced against the stile of the window sash.

In order that the member may be held tightly against the stile of the sash a resilient wire member 14 identical in construction with the member above-described, is secured at the end of one of its arms to the friction member 6 adjacent the lower end thereof and the other arm secured at its end to the stile of the window frame. The tendency is for these arms to spread and this serves to hold the friction member against the stile of the sash and in turn, to hold the sash at various elevations.

From the foregoing description of my invention it will be seen that the device may be applied to any window now in use and that when in place, it will effectually hold the sash at any desired point.

What is claimed, is,

The combination with the stile or a window frame and the stile of a sash mounted to slide vertically in the frame, of a balance for the sash comprising a friction member, in the form of a strip, a V-shaped wire attaching member secured at the sides of its arms to the strip and bent at its middle to form an eye, a screw engaged through the eye and into the stile of the window frame, a similar member secured at the end of one of its arms to the strip and at the end of its other arm to the window frame whereby the lower portion of the strip will be held in frictional engagement with the sash.

In testimony whereof I affix my signature, in presence of two witnesses.

COLUMBUS M. KINSEY.

Witnesses:

G. W. KINSEY,
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