

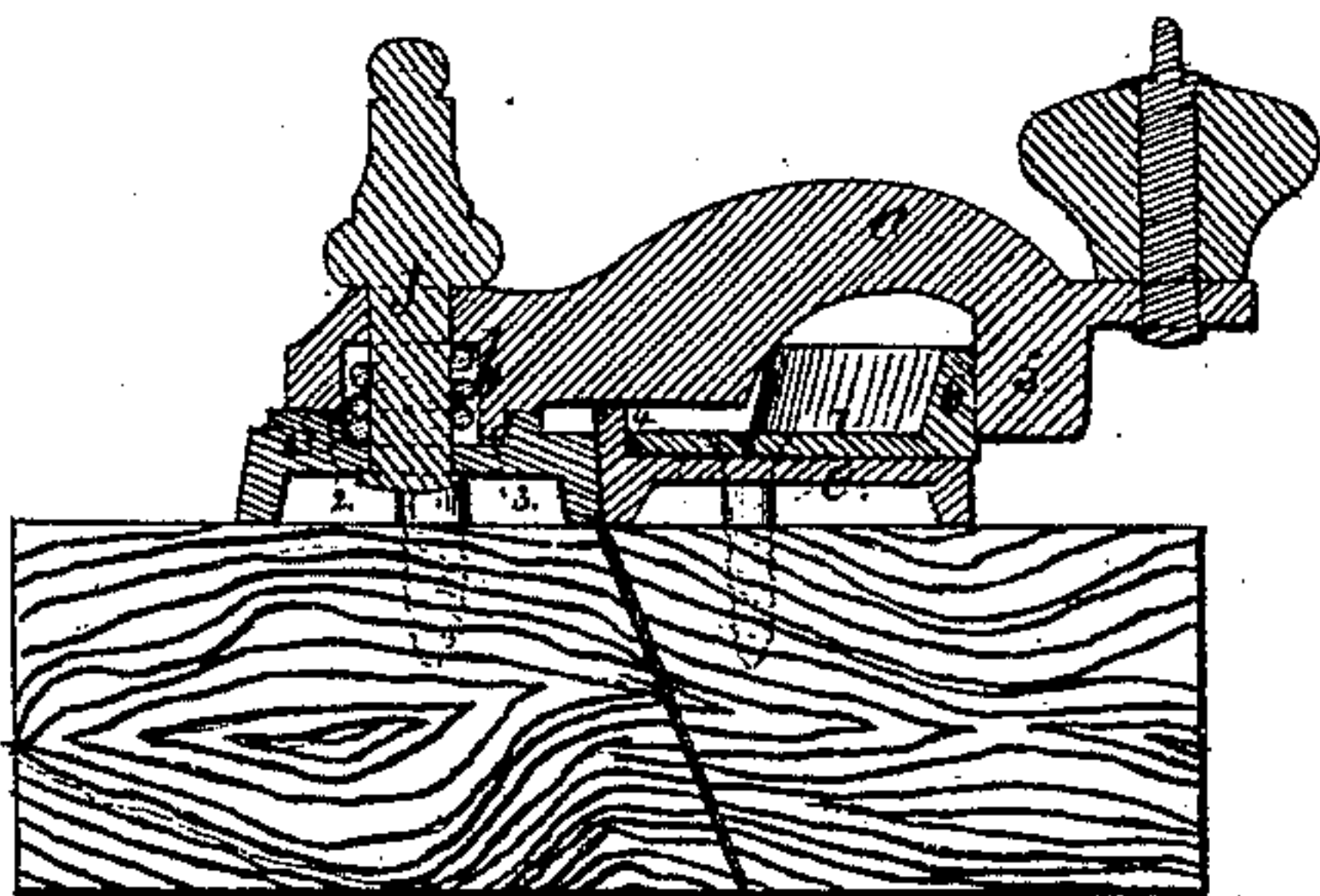
Mr. & A. I. Judd,

Window Button.

No. 98694.

Patented Jan. 11. 1870.

Fig. 1.



Witnesses,

Chas. H. Smith
Geo. D. Walker

Fig. 2.

Albert D. Judd.
Morton Judd.

per L. M. Perrell
Attly.

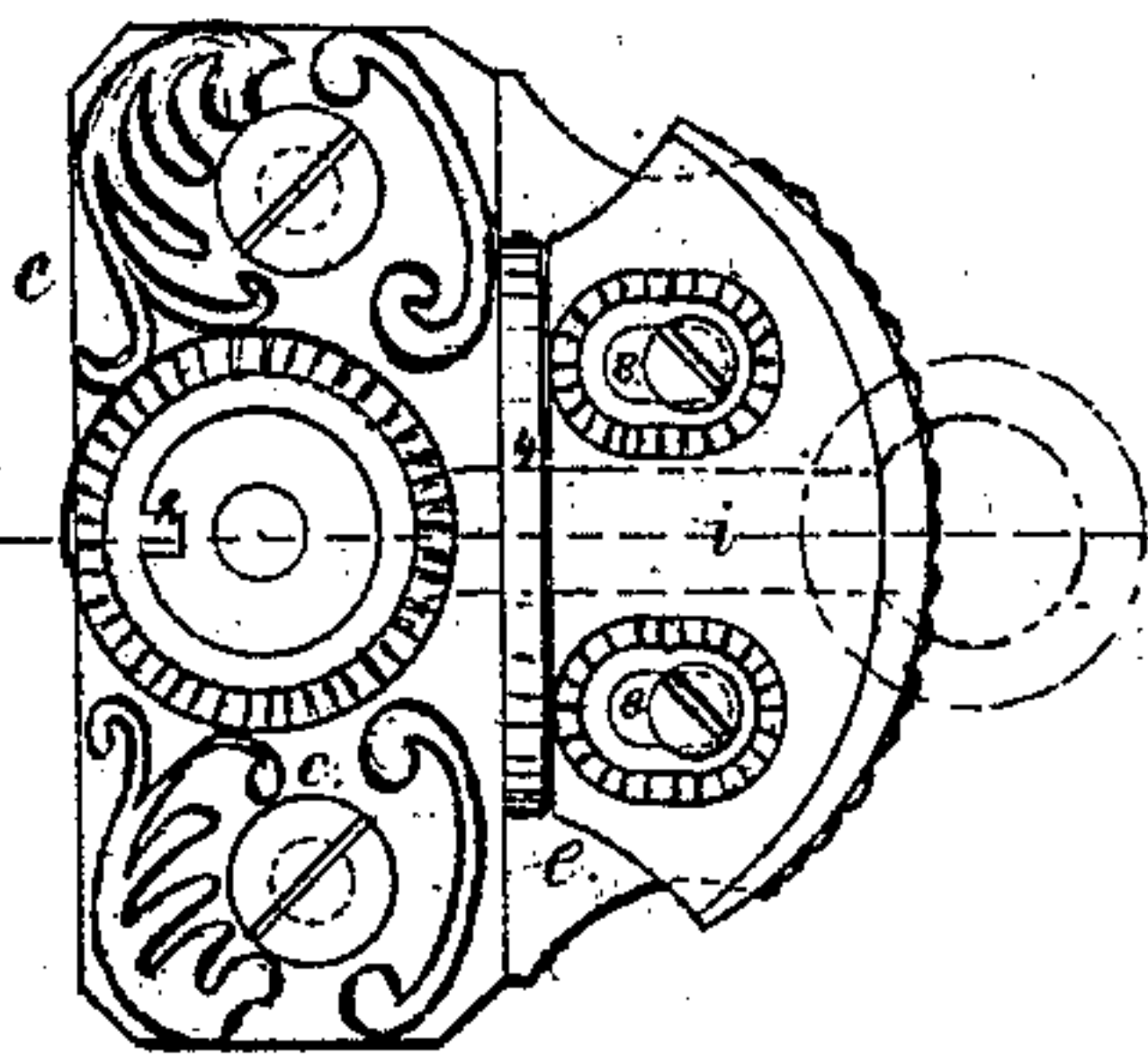
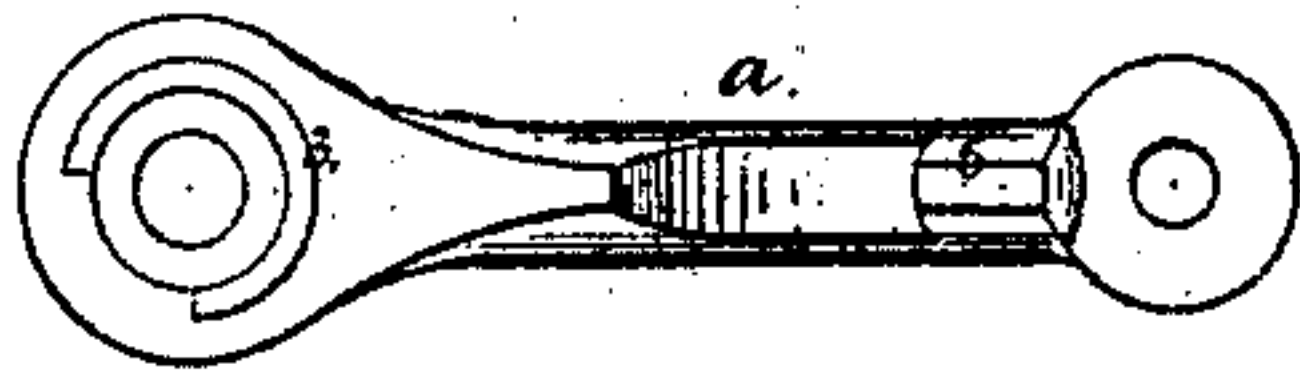


Fig. 3.



United States Patent Office.

MORTON JUDD AND ALBERT D. JUDD, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 98,694, dated January 11, 1870.

IMPROVED WINDOW-BUTTON.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, MORTON JUDD and ALBERT D. JUDD, of New Haven, in the State of Connecticut, have invented and made a new and useful Improvement in Sash-Fastenings; and we do hereby declare the following to be a correct description of the same.

The object of this invention is to provide an adjustment that shall compensate shrinkage in the meeting rails of the sash, in order that the fastening may bring said rails together, for excluding wind, and for preventing the insertion of a knife or other instrument, for opening the fastening.

In the drawing—

Figure 1 is a vertical section of the fastening transversely of the meeting rails;

Figure 2 is a plan of the said fastening, with the lever in dotted lines; and

Figure 3 is an inverted plan of the lever detached.

The lever *a* is formed with a cavity at one end, in which the helical spring *b* is inserted, the same surrounding the rivet or screw *f*, uniting the lever *a* and plate *c*, and forming the axis or fulcrum on which the lever swings.

This spring *b* holds the lever *a*, by friction, at any point to which it may be turned.

In order to limit the movement of the lever *a*, we provide a stop, 2, in the recessed surface of the plate *c*, into which recessed surface the annular flange 3, upon the lever *a*, sits; and said flange 3 is notched or removed at one side, so as to allow the usual movement to the lever *a* of about ninety degrees.

The lever *a* rests, at 4, upon the cam-projection of the plate *e*, to lift the upper sash, as usual; and the part 5 of the said lever sits against the vertical flange 6, to draw the meeting rails together.

It is usual to make these flanges, 4 and 6, upon one plate, and hence, when the meeting rails shrink, there is a space left open between them, and the plate cannot easily be moved, because the screw-holes in the meeting rails cannot be changed.

We obviate this difficulty by placing the flange 6 upon the separate plate *i*, and making the screw-holes 8 elongated, as seen in fig. 2, so that the plate *i* and flange 6 may be positioned so as to cause the meeting rails of the sash to be drawn together by the lever *a*.

This construction facilitates the fitting of the fastening upon the sashes, and also the adjustment, in case of shrinkage.

What we claim as our invention, is—

1. The stop 2, in the recessed surface of the plate *c*, in combination with the notched annular flange 3, upon the lever *a*, around the fulcrum-pin *f*, as and for the purposes set forth.

2. The plate *e* and cam-flange 4, in combination with the adjustable plate *i*, flange 6, and lever *a*, as and for the purposes specified.

Signed, this 10th day of November, A. D. 1869.

MORTON JUDD.

ALBERT D. JUDD.

Witnesses:

JOHN W. ALLING,
CHARLES IVES.