

(No Model.)

C. W. NEVEL.
DRAWER.

No. 478,014.

Patented June 28, 1892.

Fig. 1.

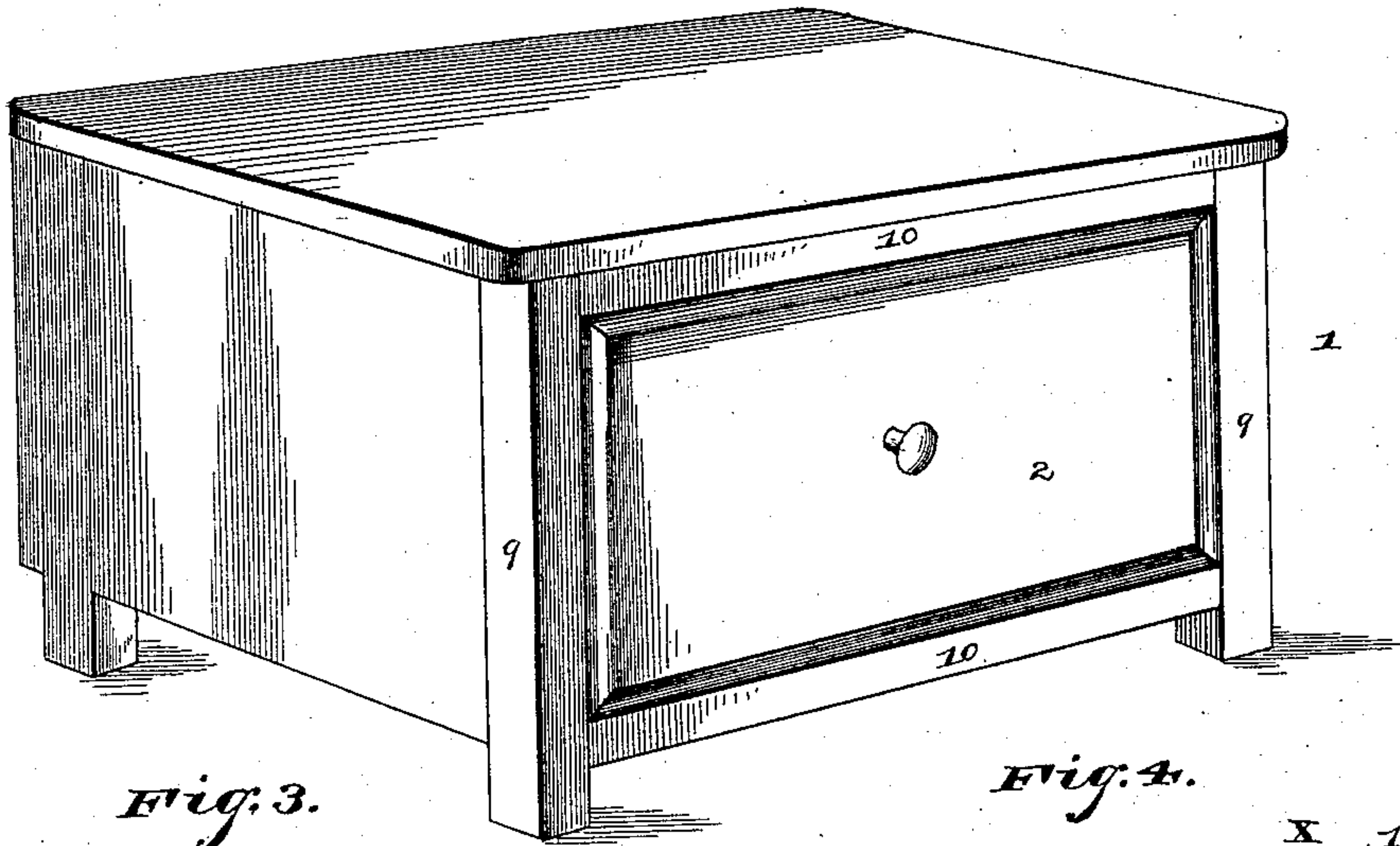


Fig. 3.

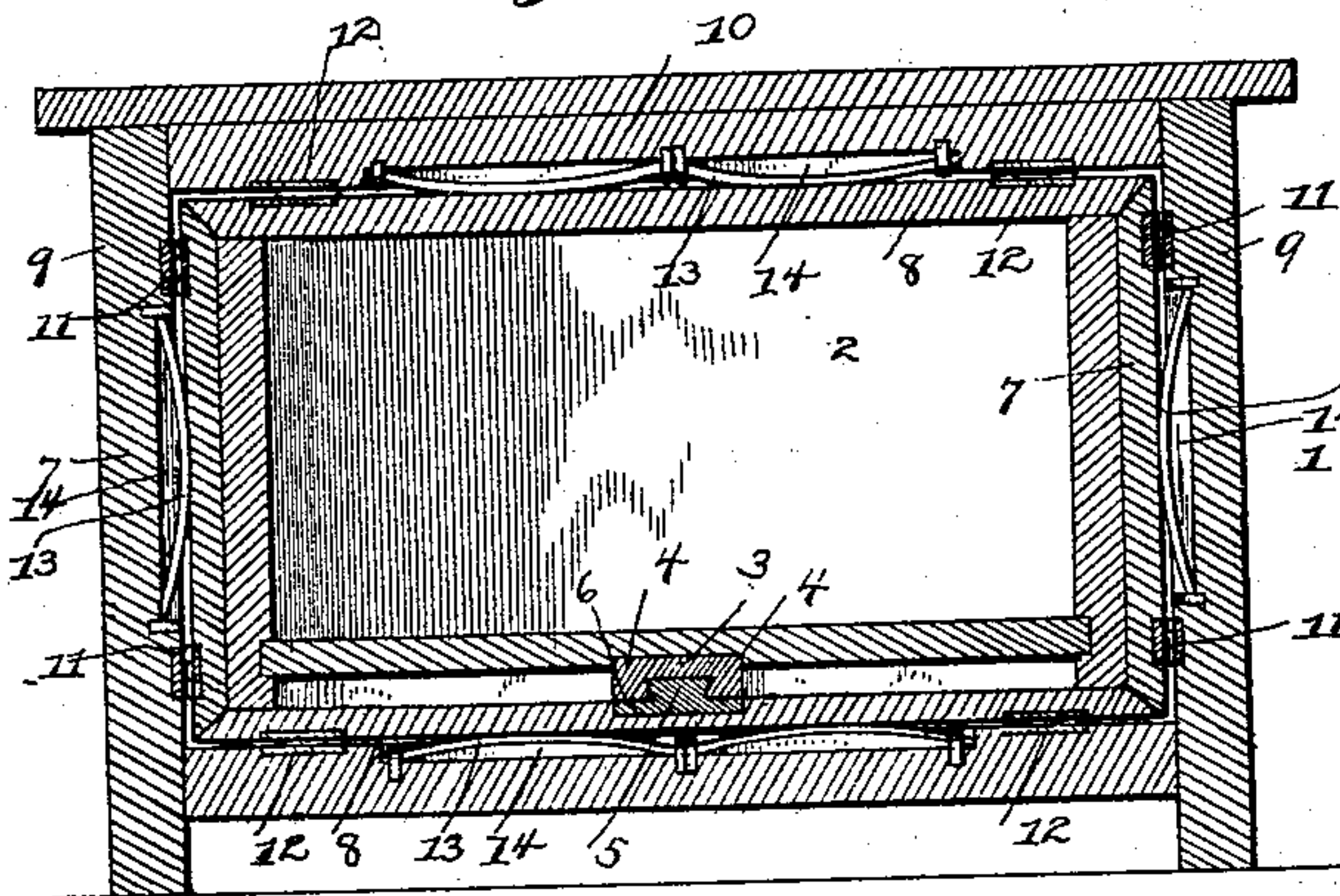


Fig. 4.

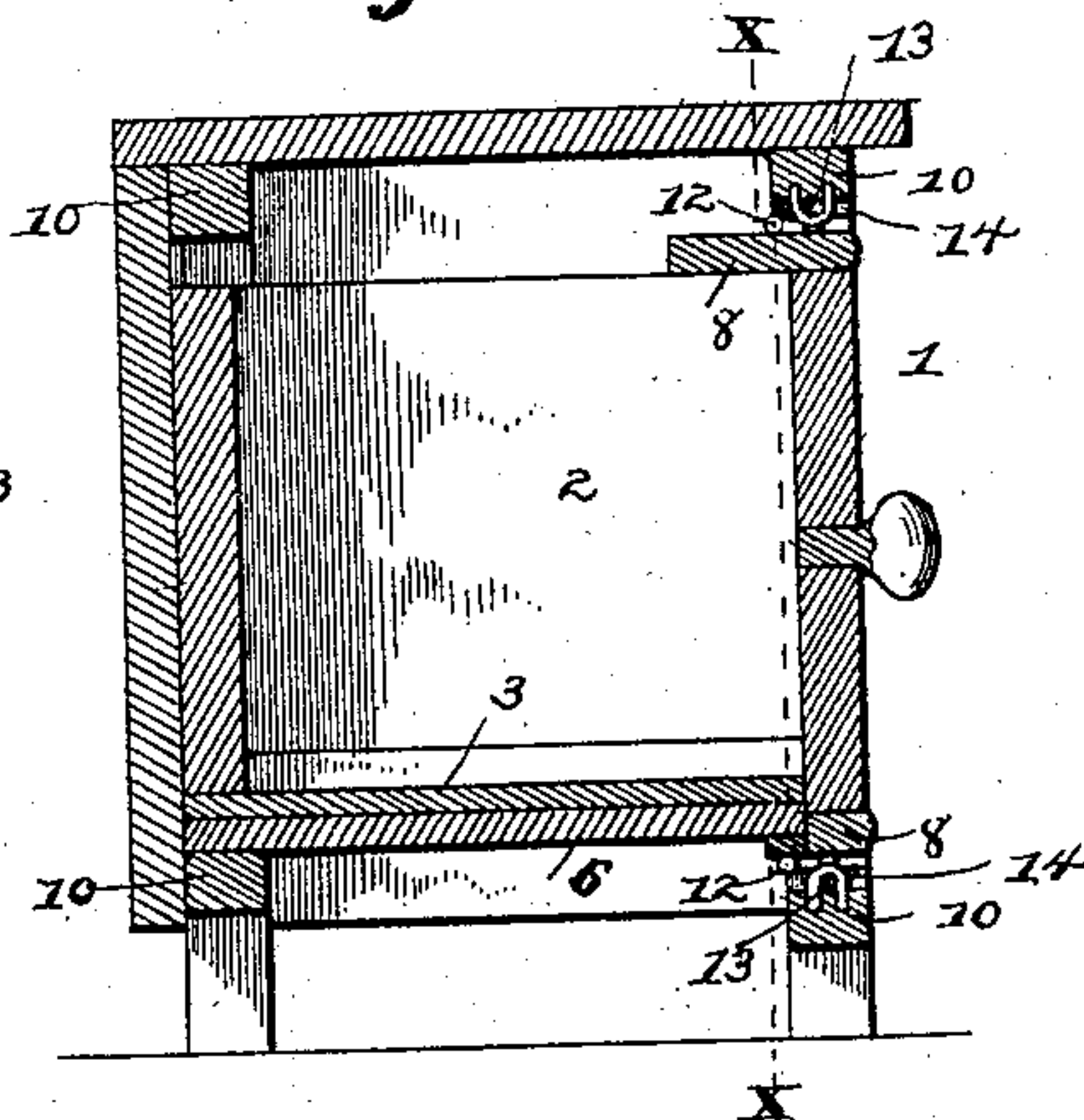


Fig. 2.

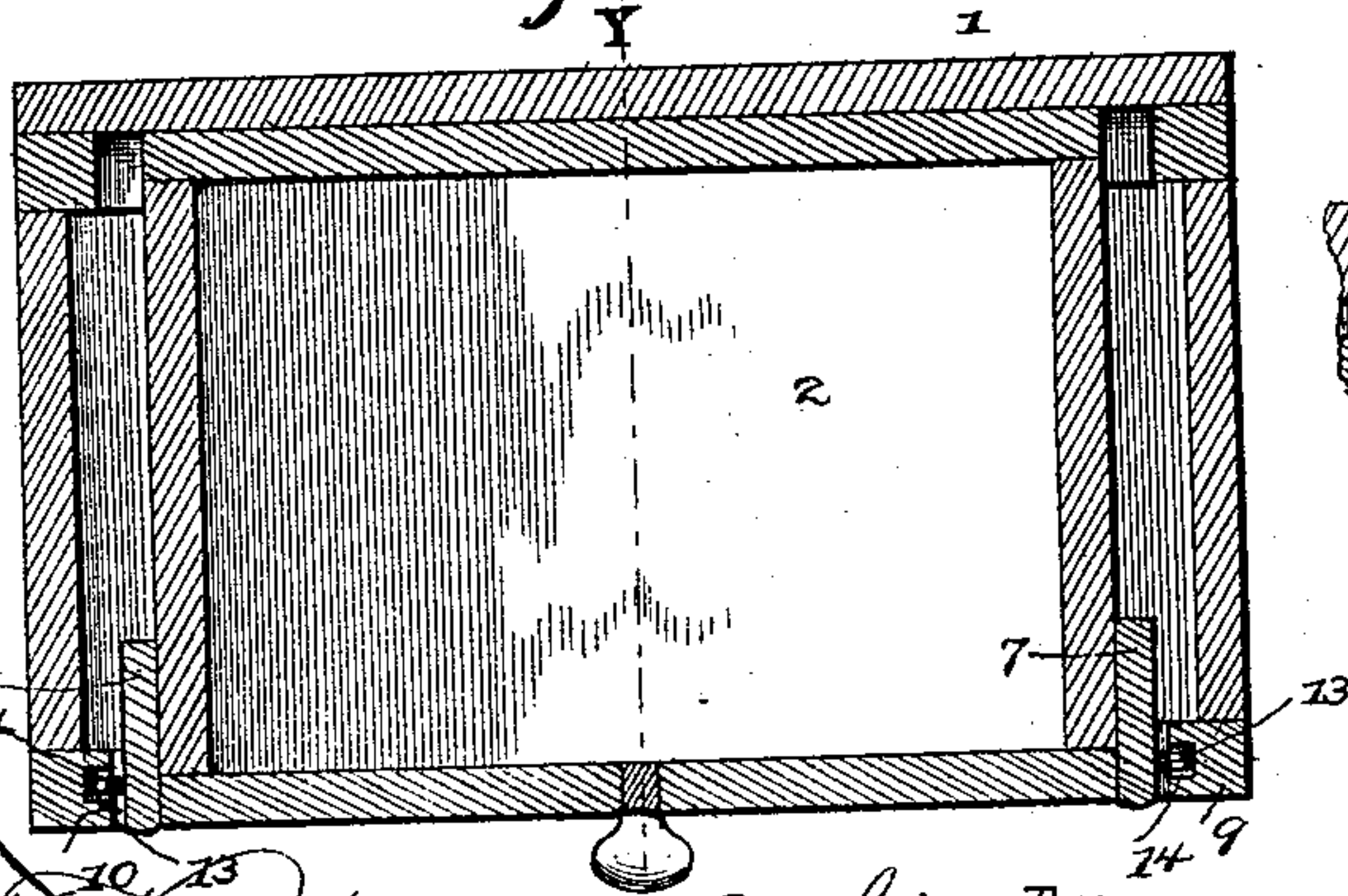
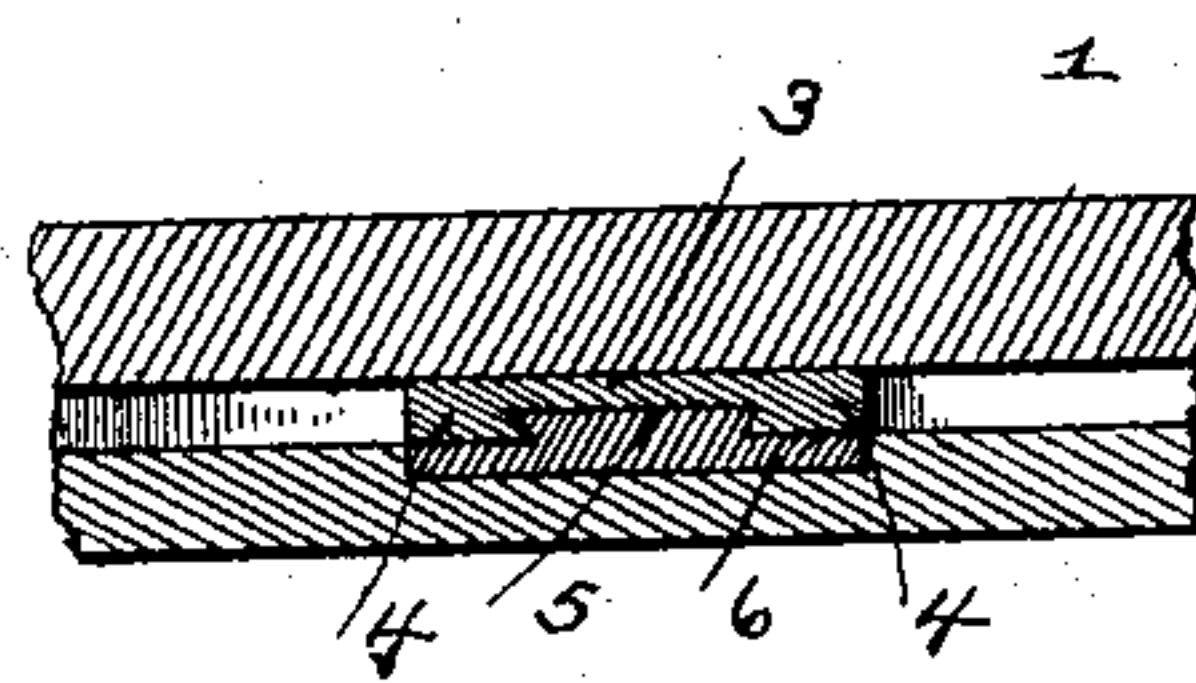


Fig. 5.



Witnesses

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CHARLES WESTLEY NEVEL, OF TOWANDA, PENNSYLVANIA.

DRAWER.

SPECIFICATION forming part of Letters Patent No. 478,014, dated June 28, 1892.

Application filed September 16, 1891. Serial No. 405,896. (No model.)

To all whom it may concern:

Be it known that I, CHARLES WESTLEY NEVEL, a citizen of the United States, residing at Towanda, in the county of Bradford and State of Pennsylvania, have invented a new and useful Drawer, of which the following is a specification.

The invention relates to improvements in drawers for bureaus and other articles of furniture.

The object of the present invention is to enable drawers to slide smoothly and to prevent sticking caused by swelling of the parts and to prevent a drawer binding against the sides of the frame in which it is placed.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a drawer and the surrounding frame constructed in accordance with this invention. Fig. 2 is a horizontal sectional view. Fig. 3 is a vertical sectional view on line *x x* of Fig. 4. Fig. 4 is a vertical section on line *y y* of Fig. 2. Fig. 5 is a detail sectional view.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a frame having in its front a drawer-opening in which is arranged a sliding drawer 2, having secured to its lower face and extending rearward from the front and disposed across its middle a sliding strip 3, constructed of metal and provided at its sides with longitudinal depending L-shaped flanges 4, which form a dovetailed groove or way adapted to receive a dovetailed rib 5 of a guide-strip 6. The guide-strip 6 is constructed of metal and has its ends secured to the frame. It is located directly beneath the drawer and is disposed similarly to the sliding strip, and it is adapted to engage the same to prevent the drawer sagging and binding against the top of the frame.

In order to prevent the drawer by the swelling of its parts binding against the front of the frame and skipping at that point, vertical

and horizontal yielding molding-strips 7 and 8 are interposed between the drawer and the frame at the front of the latter and form a rectangular frame or facing for the drawer-opening of the frame. The molding-strips 7 and 8 extend inward beyond the vertical and horizontal bars 9 and 10 of the frame and are connected to the same by hinges 11 and 12. The hinges 11 are arranged intermediate the ends of the vertical molding-strips 7, and the hinges 12 are arranged at the ends of the horizontal strips, and the said hinges permit the outer edges of the molding-strips to be forced inward by springs 13 to clamp the drawer sufficiently to hold the same from any looseness or wobbling. The springs 13 are arranged in grooves 14 of the bars 9 and 10 of the frame and force the strips against the drawer, but allow the molding-strips to yield and give to any swelling on the part of the drawer or the frame.

It will be seen that the drawers are simple and comparatively inexpensive in construction and that they will not stick in damp weather, but may be readily opened and closed without binding against the frame.

The invention is especially adapted for bureau-drawers; but it is equally applicable to all classes of furniture in which drawers are employed.

What I claim is—

The combination of a frame, a sliding drawer arranged within the same and the vertical and horizontal strips arranged at the front of the frame and hinged thereto and interposed between the same and the drawer and forming a rectangular frame around the front of the drawer, and springs arranged between the strips and the frame and forcing the former against the drawer, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CHARLES WESTLEY NEVEL.

Witnesses:

J. H. ORCUTT,

BENJ. KUYKENDALL, Jr.