

(No Model.)

W. P. TRACY.
SLIDE FOR DRESSING CASES.

No. 405,623.

Patented June 18, 1889.

Fig. 1.

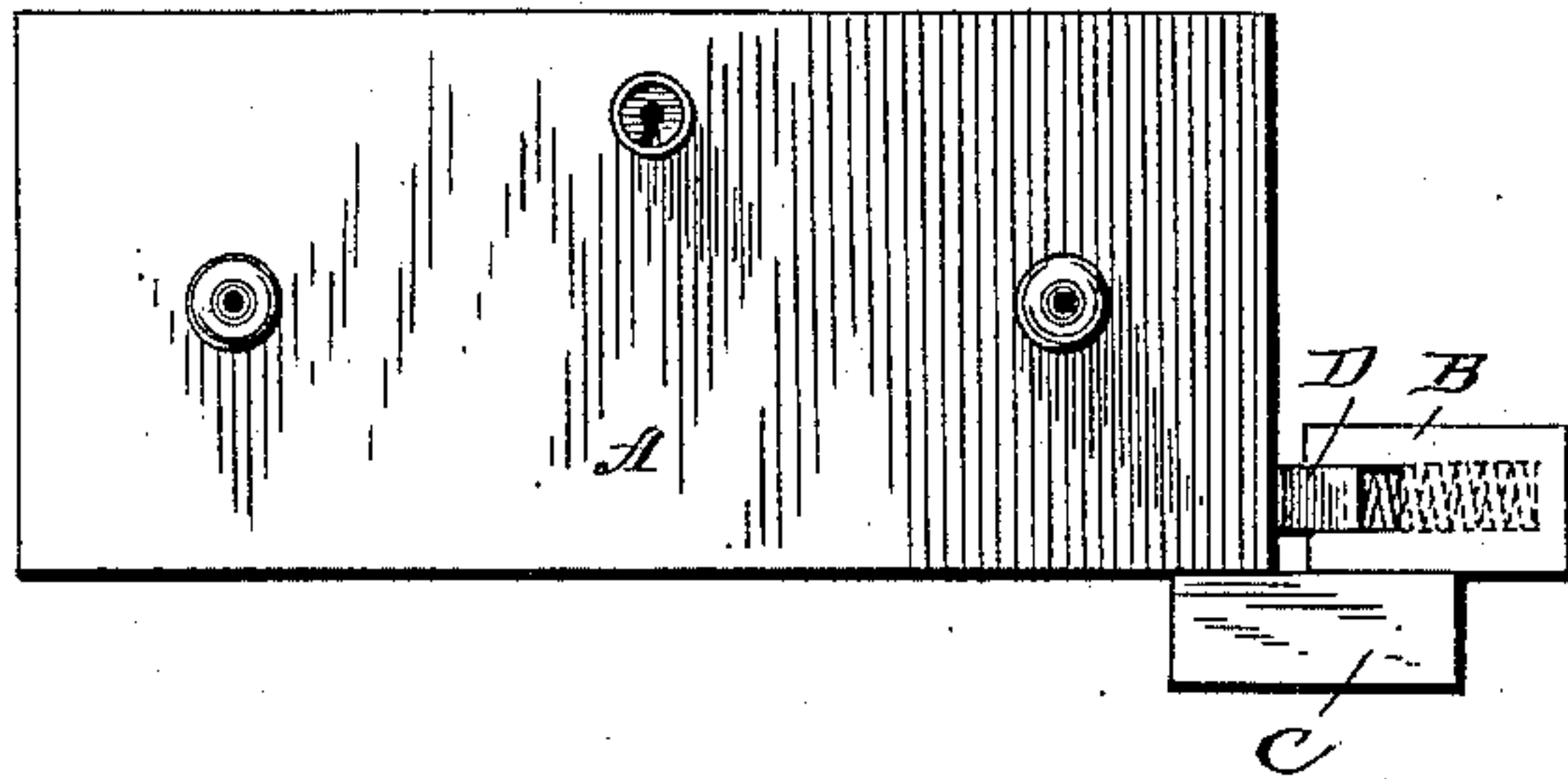


Fig. 2.

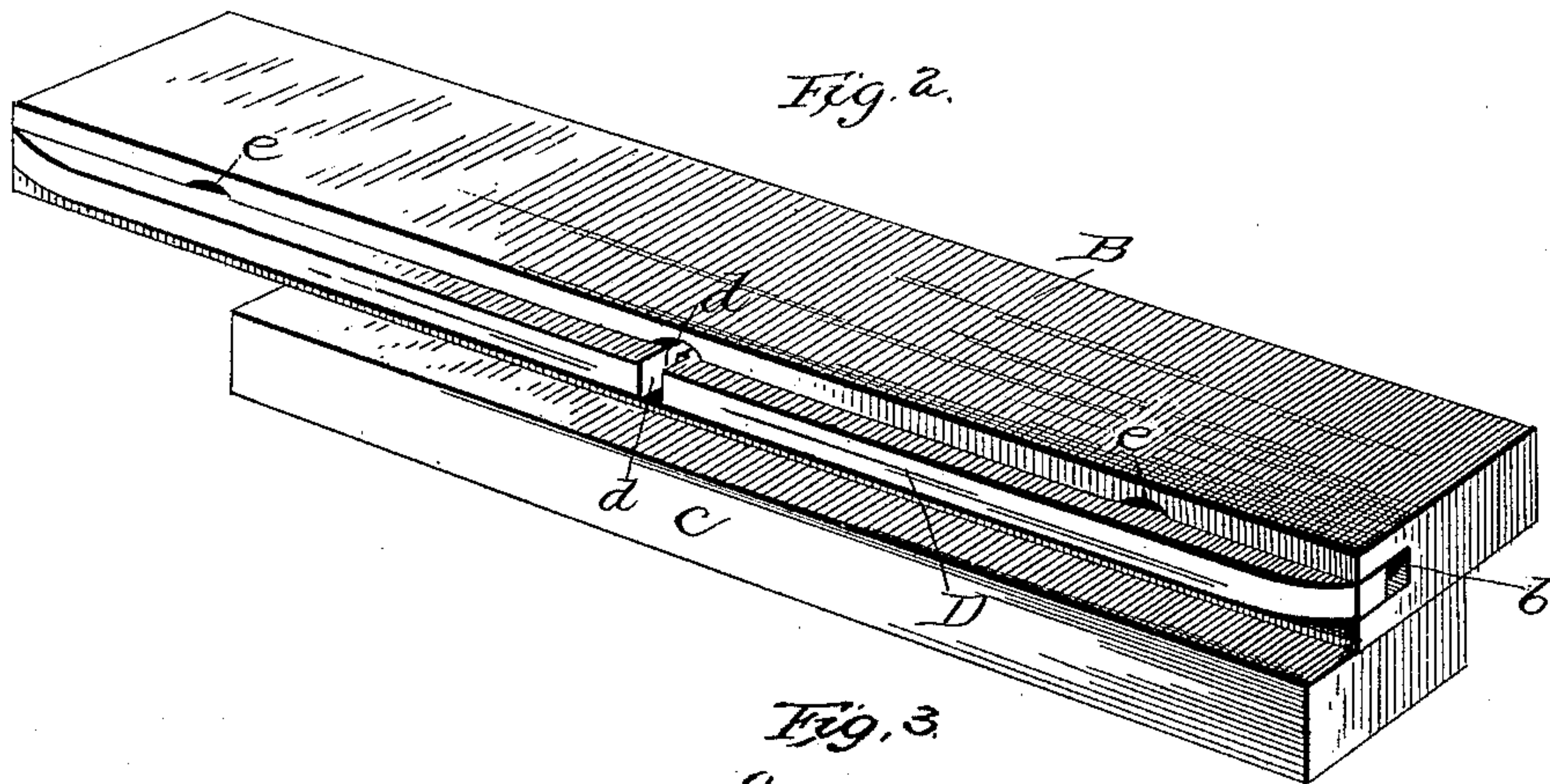


Fig. 3.

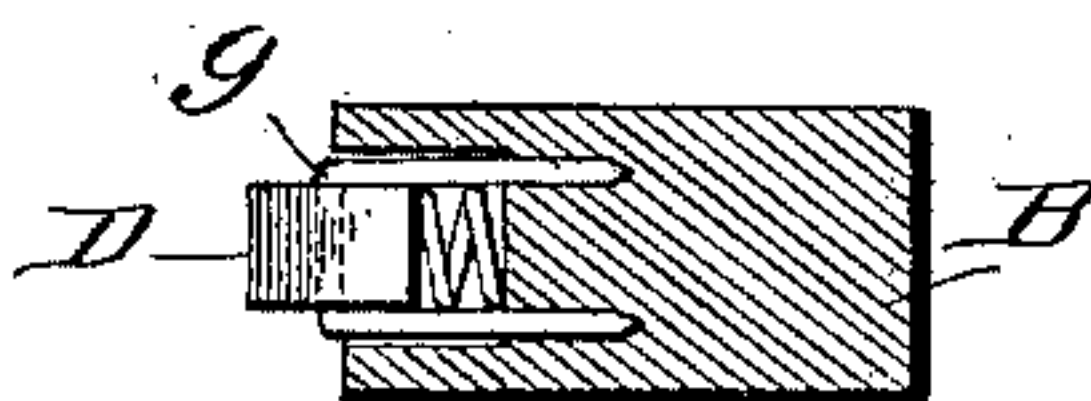
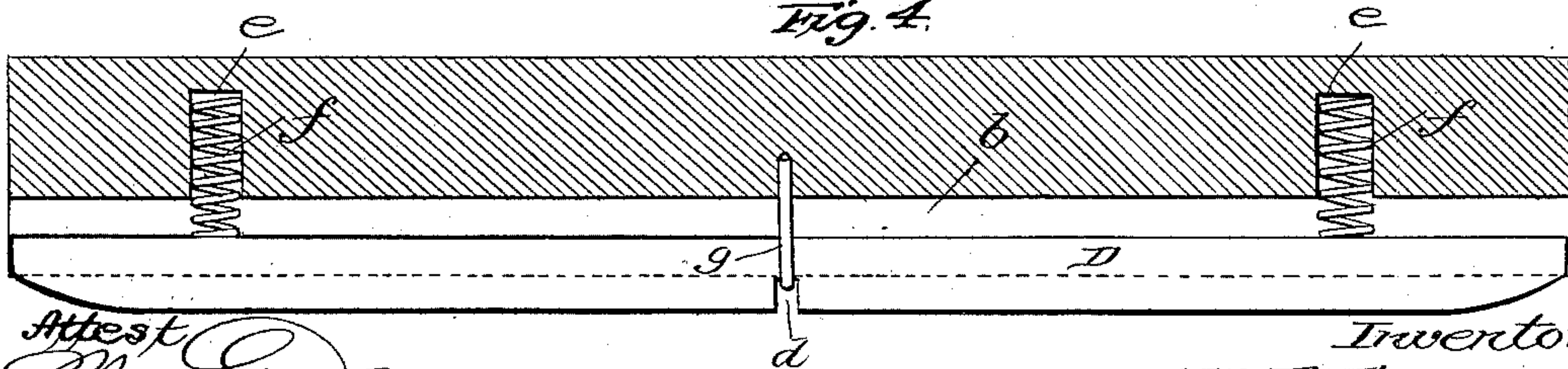


Fig. 4.



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SLIDE FOR DRESSING-CASES.

SPECIFICATION forming part of Letters Patent No. 405,623, dated June 18, 1889.

Application filed October 2, 1888. Serial No. 286,975. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM P. TRACY, of Grand Rapids, in the county of Kent and State of Michigan, have invented a new and useful Improvement in Slides for Dressing-Cases, &c.; and I do hereby declare that the following is a full, clear, and exact description of the same.

This my invention hereinafter described is an improved spring-bearing for the slides of drawers, such as those used in bureaus and other articles of furniture. Heretofore such slides have had bearings on spring-pieces dovetailed at the ends into the lateral strip, and against which the side of the drawer or the slide upon the side of the drawer bears when the drawer is in place. These dovetailed pieces have flat springs behind them to cause the spring-pieces to bear against the drawer and hold it even and to move in and out without binding. My object has been to simplify the construction and to render it more certain and effective in its operation.

To this end my invention consists, first, in a plain groove in the support open at the ends and a strip laid loosely therein, springs behind it, the strip being notched and held by a staple or staples.

It consists, secondly, in combining with said strip, groove, and staple coil-springs set in holes in the side of the supporting-strip.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a front view; Fig. 2, a perspective view. Fig. 3 is a detail cross-section of the side strip, and Fig. 4 a horizontal section of same.

In the drawings, A represents the drawer. The support on one side for the drawer is represented by a side strip B and a bottom strip C, the drawer on one side resting on C as it slides back and forth. In the face of B, next to the side of the drawer, is set the spring bearing-strip. This in the form heretofore used has been made with inclined or dovetail ends, and it has been set down into a cavity cut into the face of B, the ends of which are cut inclined or dovetail. The

spring-strip in this case had to be made shorter than the cavity or groove, so that the strip would be forced part-way out by the springs and then stopped.

In my construction it will be observed that the side piece B is grooved from end to end, the groove *b* being such as may be made by an ordinary grooving-saw, and more convenient and cheaper to make than a groove or cavity dovetailed at the ends. In this plain groove *b*, I place a bearing-strip D, having a notch or notches *d*. The side piece B is bored in the bottom of the groove with two or more holes *e* fitted to receive short coiled springs *f*. These should be arranged to give uniform support to the bearing-strip, and for this purpose two are sufficient—one near each end; but I do not limit myself to the exact number. At or near the middle or end of the strip are set staples *g*, which straddle the bearing-strip and are held in the wood of the side strip. The sides of the groove are slightly cut away to let the two tangs of the staples into the sides of the grooves out of the way of the bearing-strip, which should be free to move in its groove. The ends of the strip are beveled off to let the drawer, when shoved into place, push back the strip into its groove, the notch permitting the staple to be always below the bearing-surface of the strip.

This construction is easily made, and is very effective. The coil-springs bear uniformly against the strip and cause it to bear more evenly against the side of the drawer, so that it cannot bind in moving in or out.

I am aware that it is not new to provide yielding strips for the sides of windows, screens, drawers, or other moving parts in order to make a snug fit and prevent rattling and to hold the part in any desired position under tension, and I do not, broadly, claim this, my invention being restricted to the elements of the notched bearing-strip pressed normally outward by springs, and having a staple or staples to limit the outward movement of the strip, this construction being very simple, inexpensive, and effective.

I claim—

In combination with the drawer, a side strip having a plain groove, a plain notched bearing-strip therein, springs underneath said strip, and a staple or staples set in the
5 side piece astride the bearing-strip at the notches, all substantially as described.

In testimony whereof I have signed my name

to this specification in the presence of two subscribing witnesses.

WILLIAM P. TRACY.

Witnesses:

A. D. ESLER,

D. E. VANDERVEER.