

E. P. WEST.

Cloth-Plate Slides for Sewing-Machines.

No. 133,733.

Patented Dec. 10, 1872.

Fig. 1.

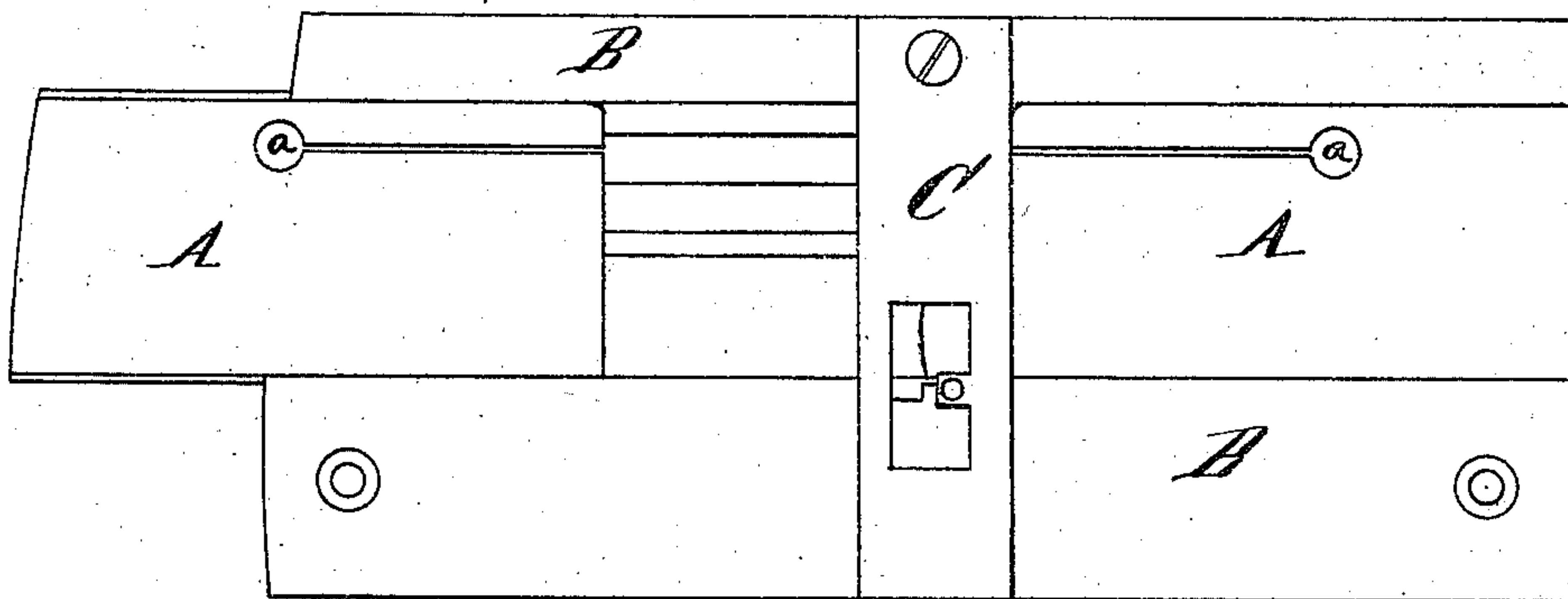
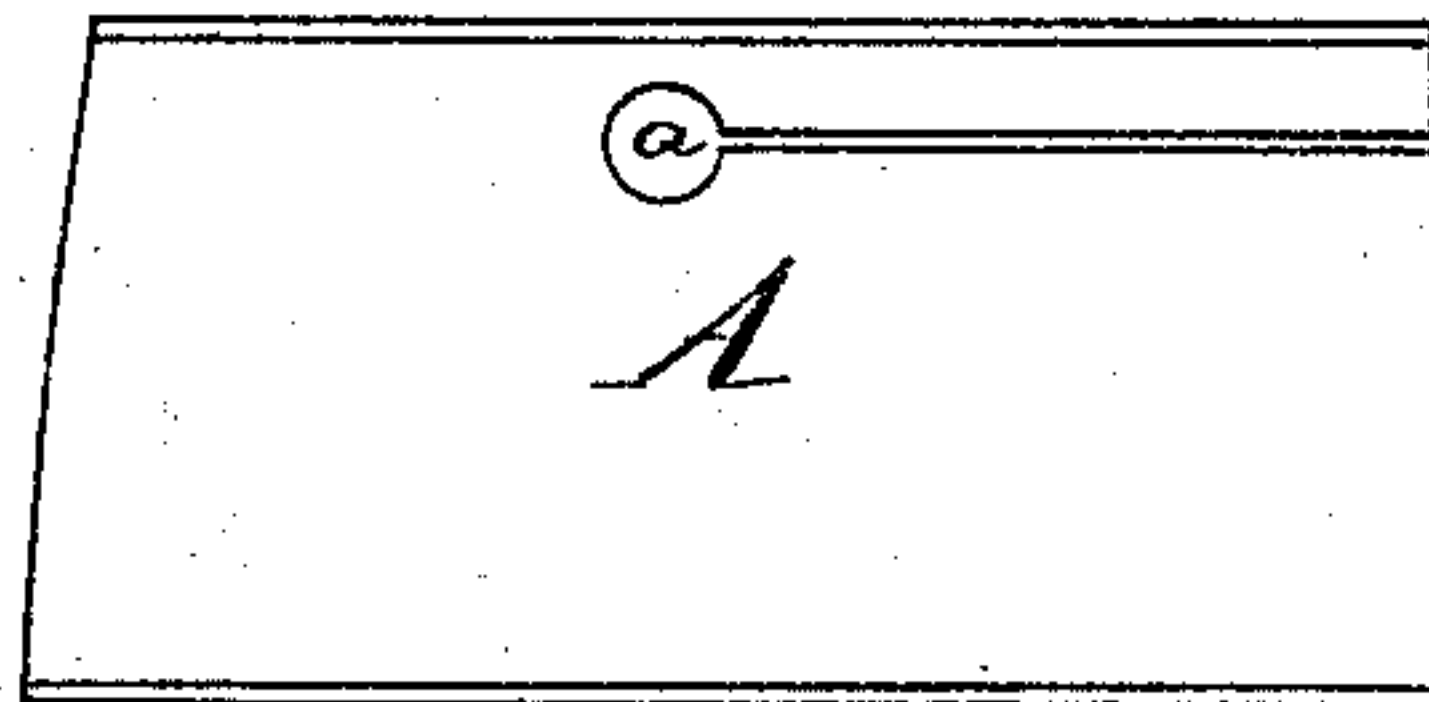


Fig. 2.



Witnesses
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IMPROVEMENT IN CLOTH-PLATE SLIDES FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 133,733, dated December 10, 1872.

To all whom it may concern:

Be it known that I, ELLIOTT PENDLETON WEST, of Jersey City, Hudson county, and State of New Jersey, have invented a new and Improved Cloth-Plate Slide for Sewing-Machines; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, and the letters of reference marked thereon, in which the same letter represents the same thing in each figure.

Figure 1 is a top view of the cloth-plate of a sewing-machine with the improved slide therein; Fig. 2, a top view of the improved slide.

A is the slide; B, the cloth-plate; C, the needle-plate; *a*, the slot in the slide.

Heretofore much inconvenience, loss of time, and defacing of cloth-plates have resulted from the difficulty of keeping the slides tight. The wear of the slides, from frequent insertion and removal, makes them loose, and in machines having shuttles playing in the line of motion with the needle-arm, the jar of the machine, if

the slides are loose, opens them, admitting thread and dirt, and embarrassing the operator by the shuttle's suddenly jumping out or wedging under the needle-plate and breaking the machine.

The object of this invention is to provide a slide which will not wear loose, or, if it does, may be immediately tightened without defacement. This is effected by cutting a slot in the slide, near one edge, which makes the narrow side of the slide a spring, and if the slide is a trifle wider than the race, its compression will secure a tight fit in the grooves in which it is to be moved.

A screw-driver will spring the slot a little wider, whenever wear makes it necessary to have a tighter fit.

What I claim as my invention, and desire to secure by Letters Patent, is—

The spring-slide hereinbefore described, for the purpose set forth.

ELLIOTT PENDLETON WEST.

Witnesses:

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