

L. N. WILLARD.  
 Extension Table Slide.

No. 165,642.

Patented July 13, 1875.

Fig. 1.

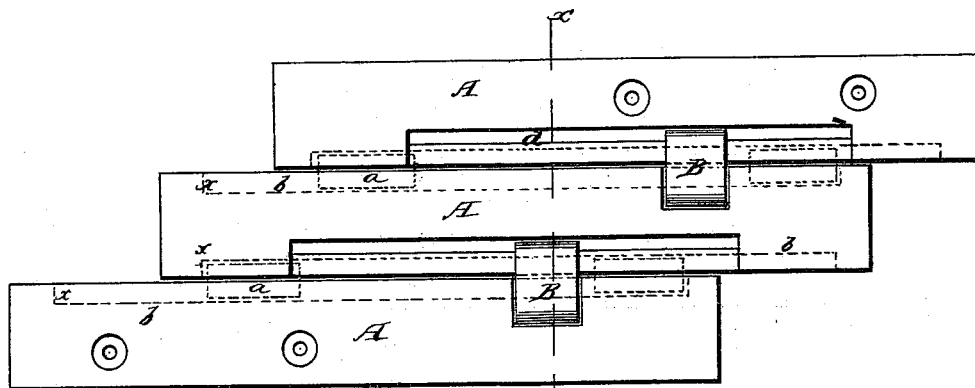


Fig. 2.

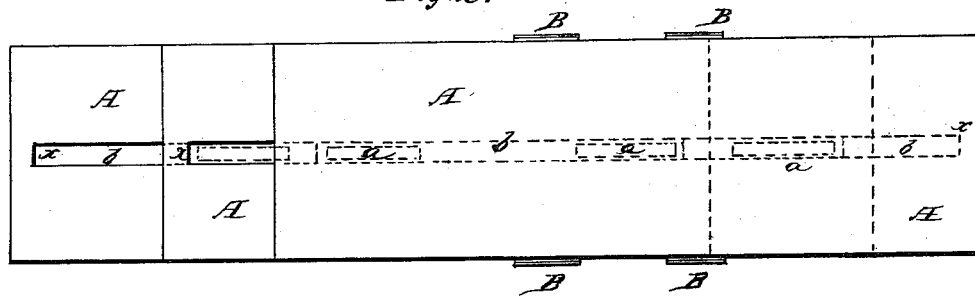
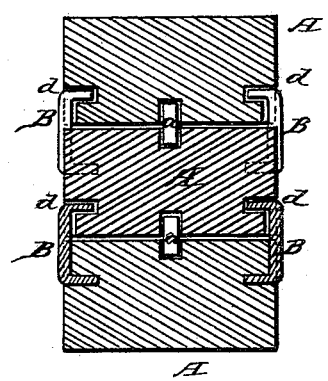


Fig. 3.



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# UNITED STATES PATENT OFFICE

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## IMPROVEMENT IN EXTENSION-TABLE SLIDES.

Specification forming part of Letters Patent No. **165,642**, dated July 13, 1875; application filed June 1, 1875.

*To all whom it may concern:*

Be it known that I, L. N. WILLARD, of Jamestown, in the county of Chautauqua and State of New York, have invented certain new and useful Improvements in Extension-Table Slides; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of an extension-table slide, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a plan view of my improved extension-table slide. Fig. 2 is a side view thereof; and Fig. 3 is a section through the line *x*, Fig. 1.

*A A* represent two or more sections, joined together in the following manner: Each section *A* is grooved through the side with one or more straight grooves, *b*, which are parallel with each other when the sections are placed together. In these grooves are placed iron tongues *a a*, of sufficient width to fill each groove, and of the right height to form the lap of the sections when the slide is drawn out. These tongues are not fastened in the grooves, but are placed loosely therein, and

are always in the right place when the slide is drawn out to give the necessary strength. The grooves *b b* are not cut through the entire length, but are left closed at either end, for the purpose of making the stops *x x*, which prevent the slides from coming out beyond the lap. *B B* represent hooks, made in the form of flat staples, as shown. These hooks are driven tightly into mortises in one section, and run in grooves *d d* in the opposite section, and are simply for the purpose of holding the sections together as they run on the tongues in the side grooves, thereby giving the requisite strength and stiffness to the slides.

This extension-table slide is simple in construction, cheap to manufacture, and yet durable and easy of operation, and not liable to get out of order.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In combination with the section *A A*, having the side grooves *b b*, stops *x x*, and the tongues *a a*, sliding loosely in the grooves *b b*, the hooks *B*, fastened in one section, and sliding in grooves *d* on the adjoining section, all constructed and arranged as and for the purposes set forth.

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

LUCIUS N. WILLARD.

Witnesses:

JAMES I. FOWLER,  
DE LOSS. S. MOREY.