

E. P. Allyn,

Extension Table,

No. 47,374,

Patented Apr. 25, 1865.

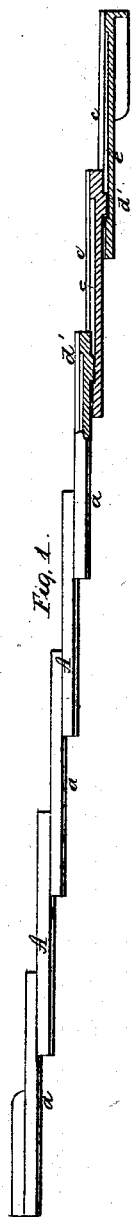


Fig. 6.

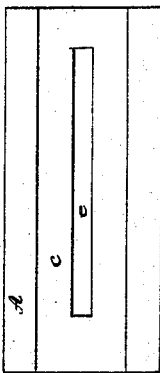


Fig. 5.

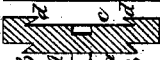


Fig. 4.

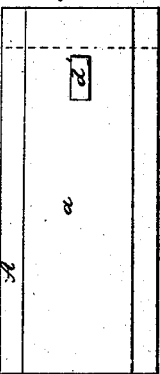


Fig. 3.

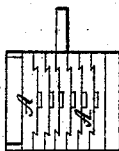
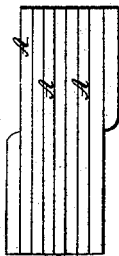


Fig. 2.



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UNITED STATES PATENT OFFICE.

ERASTUS P. ALLYN, OF NORTH CANAAN, CONNECTICUT.

IMPROVED SLIDE FOR EXTENSION-TABLES.

Specification forming part of Letters Patent No. 47,374, dated April 25, 1865.

To all whom it may concern:

Be it known that I, ERASTUS P. ALLYN, of North Canaan, in the county of Litchfield and State of Connecticut, have invented a new and Improved Slide for Extension-Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan or top view of my invention in an extended state; Fig. 2, a plan or top view of the same in a closed state; Fig. 3, an end view of the same in a closed state; Fig. 4, an enlarged side view of one of the slides; Fig. 5, a transverse section of Fig. 4, taken in the line *x x*; Fig. 6, an enlarged side view of a slide opposite to that shown in Fig. 4.

Similar letters of reference indicate like parts.

This invention consists in having a series of slides of malleable cast-iron or other metal, and fitted together by means of dovetailed projections and grooves, and provided with stops, as hereinafter fully shown and described, whereby a very economical and durable slide for the purpose specified is obtained, and the annoyances and embarrassments occasioned by the shrinking, swelling, and warping of the ordinary wooden slides avoided.

A represents a series of slides of malleable cast-iron or other metal, and of any suitable dimensions. These slides are cast with a longitudinal projection, *a*, at one side, extending their whole length, and provided with dovetail edges *b b*, as shown more particularly in Figs. 4 and 5. At the opposite sides of the slides A there is a longitudinal recess, *c*, extending their whole length, and having dove-

tail edges *d d*, said recesses and dovetail edges corresponding to the projections *a* and their dovetail edges *b b*, so that the projection *a* of one slide may fit into the recess *c* of the one adjoining it, and the whole series of slides thereby rendered capable of being closed compactly together, as shown in Figs. 2 and 3, or drawn out or extended, as shown in Fig. 1, the slides being prevented from parting laterally by means of the dovetail edges of the projections and recesses.

The length of the sliding movement of the several slides is determined by a pin, *d'*, extending out from each projection *a* and fitting in a narrow recess or groove, *e*, at the center of the recesses *c*. (See Figs. 4 and 6.) By this means the slides are prevented from being drawn out and disconnected from each other.

These slides A may be quite light and not be liable to break or bend, especially if cast from perfect patterns and fitted together in a workmanlike manner. They also may be cheaply manufactured, and will, it is believed, prove to be far more desirable than the ordinary wooden slides, which frequently operate very imperfectly, on account of shrinking, swelling, and warping.

I claim as new and desire to secure by Letters Patent—

A slide for extension-tables, manufactured of malleable cast-iron or other metal, with its parts fitted together by the dovetail projections and recesses, and provided with stops, substantially as herein described.

ERASTUS P. ALLYN.

Witnesses:

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