

W. VALENTIN.
Extension-Table Slides.

No. 150,496.

Patented May 5, 1874.

Fig. 1

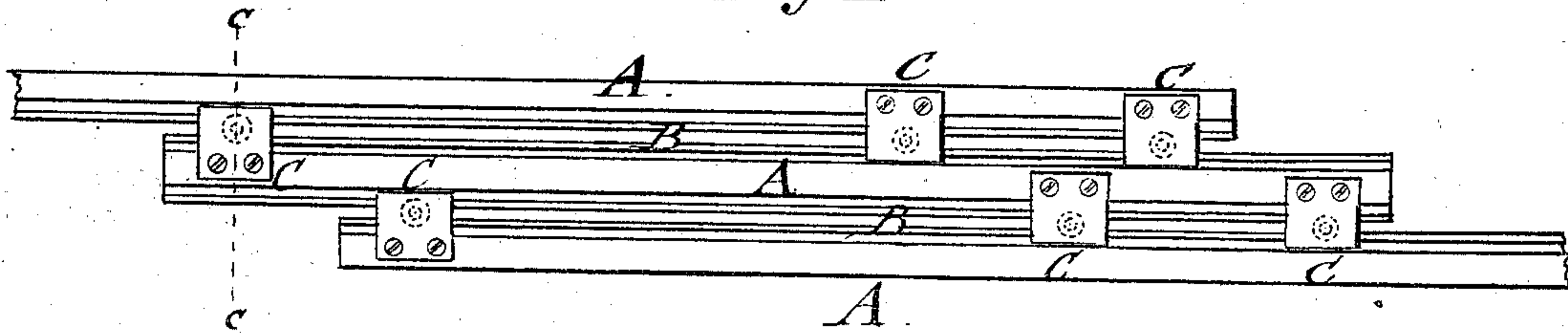


Fig. 2.

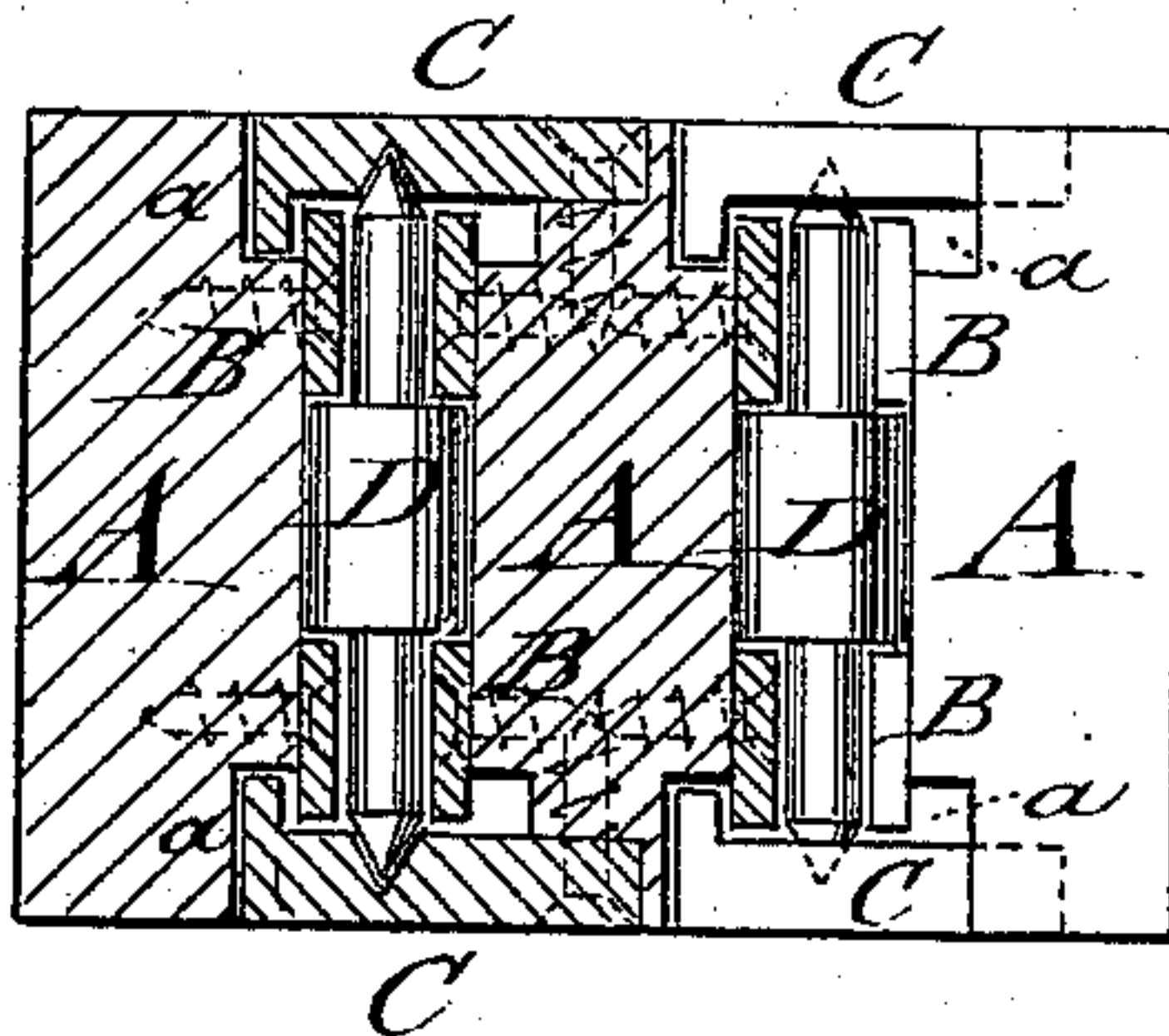
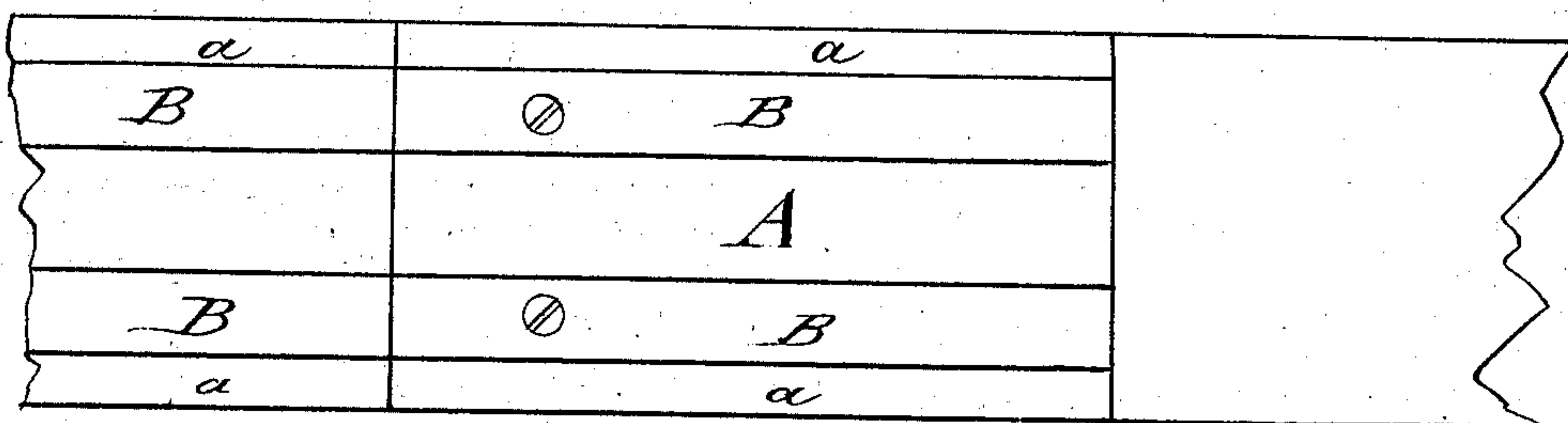


Fig. 3.



WITNESSES:

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WILHELM VALENTIN, OF COLLEGE POINT, NEW YORK.

IMPROVEMENT IN EXTENSION-TABLE SLIDES.

Specification forming part of Letters Patent No. **150,496**, dated May 5, 1874; application filed March 7, 1874.

To all whom it may concern:

Be it known that I, WILHELM VALENTIN, of College Point, in the county of Queens and State of New York, have invented a new and Improved Extension-Table Slide, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a top view of my improved extension-table slide; Fig. 2, a vertical transverse section of the same on the line *c c*, Fig. 1; and Fig. 3, a side elevation of the same.

Similar letters of reference indicate corresponding parts.

The invention will first be fully described, and then pointed out in the claim.

In the drawing, A represents the rails, which are provided with small rectangular recesses or rabbets *a* along the edges. To the middle slightly-raised part of the rail are screwed or otherwise fastened metallic strips or bands B, in such a manner that the outer edges of the same project over the recesses *a*, while the space between their inner edges forms a groove or recess. The connection of the rails A is produced by one or more L-shaped guide-plates, C, which are screwed to both sides of the rails

near their ends, running with their projecting parts along band B in the recesses *a*, and serving also as stops for the rails when extending the table. The guide-plates C form also the bearings for small rollers D, which run, with their conical ends, in similar recesses of plates B, to reduce the friction to the smallest degree, and with their central raised part of larger diameter than the ends in the central grooves formed by the band B.

In this manner not only a noiseless and quick sliding of the rails along each other by means of the rollers is produced, but also, on account of the longitudinal metallic bands placed on the rails, a considerable stiffening and strengthening of the same are obtained.

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

The combination, with slides A, having face-plates B, of rolls D and guide-plates C, as and for the purpose specified.

WILHELM VALENTIN.

Witnesses:

T. B. MOSHER,
PAUL GOEPEL.