

S. R. GARNER.
Improvement in Extension Table Slides.
No. 124,947. Patented March 26, 1872.

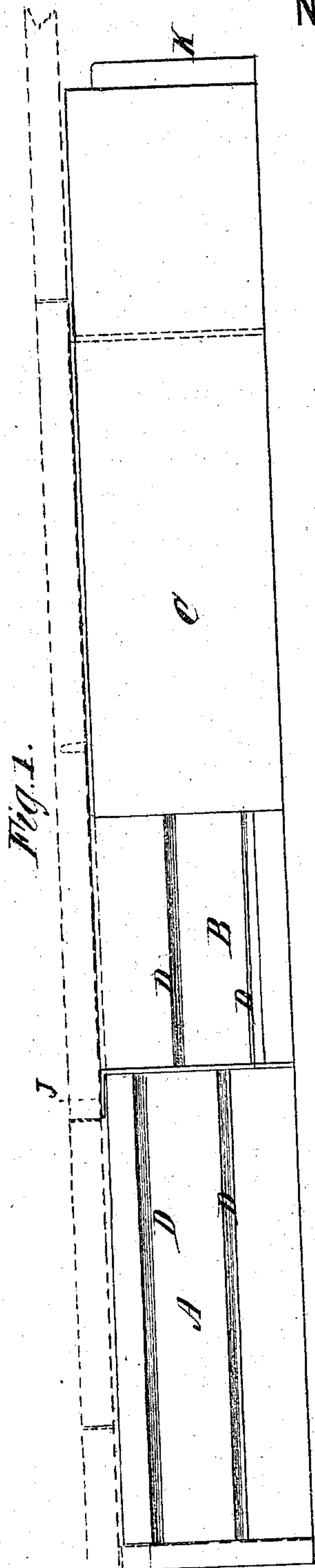


Fig. 1.

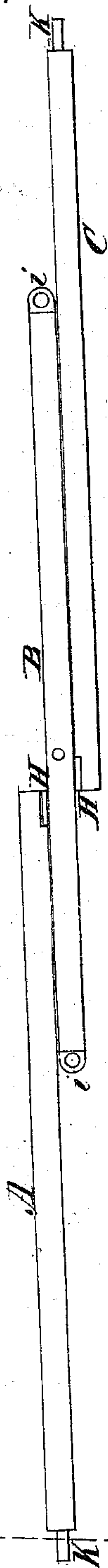


Fig. 2.

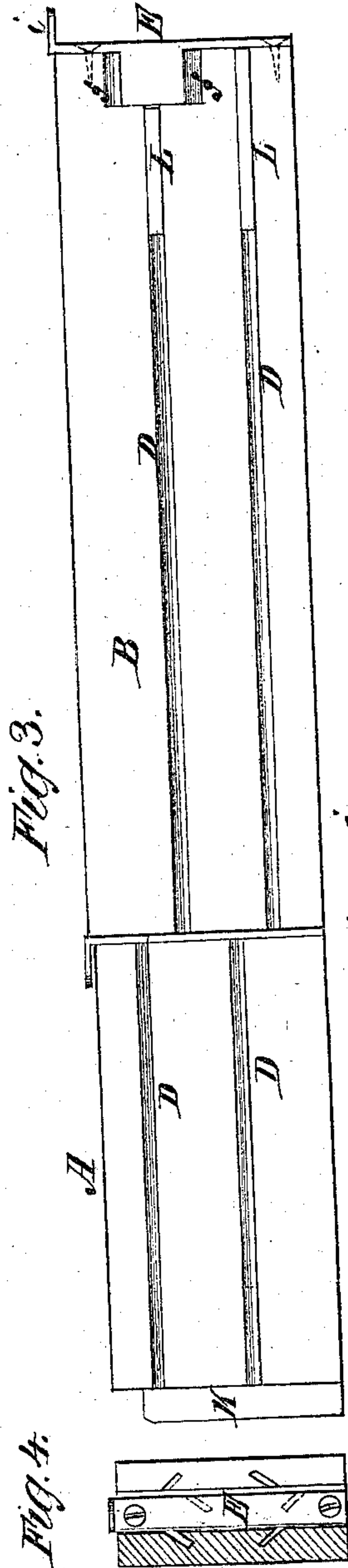


Fig. 3.

Fig. 4.

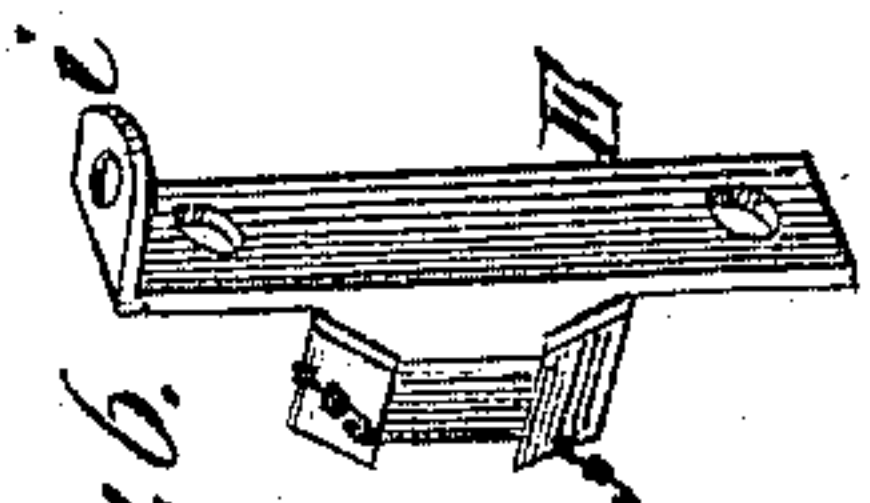


Fig. 5.

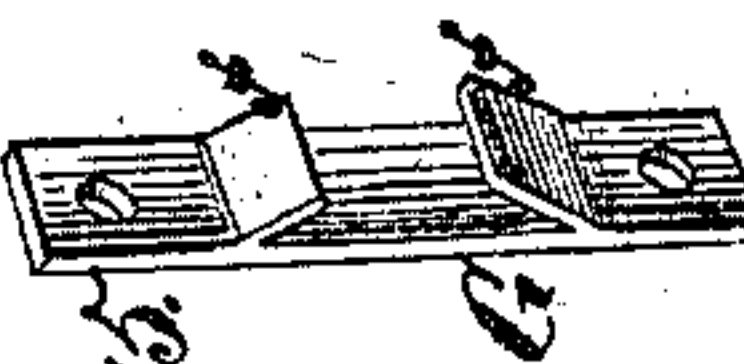


Fig. 6.

Witnesses:

John Becker.
Geo. W. Mabee

Inventor:

S. R. Garner

PER

Wm. L. L.
Attorneys.

UNITED STATES PATENT OFFICE.

SAMUEL R. GARNER, OF INDEPENDENCE, IOWA.

IMPROVEMENT IN EXTENSION-TABLE SLIDES.

Specification forming part of Letters Patent No. 124,947, dated March 26, 1872.

Specification describing a new and useful Improvement in Extension-Table Rails, invented by SAMUEL R. GARNER, of Independence, in the county of Buchanan and State of Iowa.

The object of this invention is to simplify and render more strong and durable the slides or adjustable rails of extension-tables; and it consists in the construction and arrangement of parts hereinafter described.

In the accompanying drawing, Figure 1 represents a sectional side view of an extension table provided with my improved slides or rails. Fig. 2 is a top view of the extension rail detached. Fig. 3 is a side view of two of the rails detached. Fig. 4 is a cross-section of the extension rail. Figs. 5 and 6 are views of the metallic clasps by which the parts are held together.

Similar letters of reference indicate corresponding parts.

In this example of my invention I show an extension rail composed of three sections, A, B, and C, but I do not limit myself to any particular number or size. The two outside sections A and C are provided with diagonal or angular grooves D, and the middle section B has the same description of grooves in both its sides. The form and position of these grooves are seen in the cross-section, Fig. 4, excepting that the clasps E, with which the ends of the middle section are provided, cover the grooves in the piece so that they are only partly seen in the dotted lines. The grooves D are made in pairs, and are uniform as regards their depth, angle, and distance from each

other. *f* represents the lips of the clasps which enter the grooves D, and slide therein, and thus form the connection between the sections A, B, and C. G, Fig. 5, is a clasp which is screwed onto the sections A and C at the end of those sections, as seen at H H. The other clasps E are screwed onto each of the ends of the middle section C, and have ears *i*, which allow this section to be screwed to the bed of the table, as seen at J J, Fig. 1. K represents tenons by which the outer sections of the rail are connected with the legs of the table. L represents loose strips in the grooves to limit the movement of the sliding sections. The clasps E and G at the ends of the sections serve to strengthen those parts and prevent the ends from splitting.

From this arrangement it will be seen that the center or middle section B is stationary, and that while the parts are securely held together by the clasps, the other sections are drawn out and the table extended, as may be desired.

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

The combination of rails A B C, having grooves D and tenons K, the clasps E G having lips *f* and ears *i*, and the stops L, all constructed and arranged in an extension table, as and for the purpose described.

SAMUEL R. GARNER.

Witnesses:

JACOB ROCKEFELLER,
JAMES BLEWETT, Sr.