

L. LOTZ.

Improvement in Extension-Table Rails.

No. 126,972.

Patented May 21, 1872.

Fig. 1.

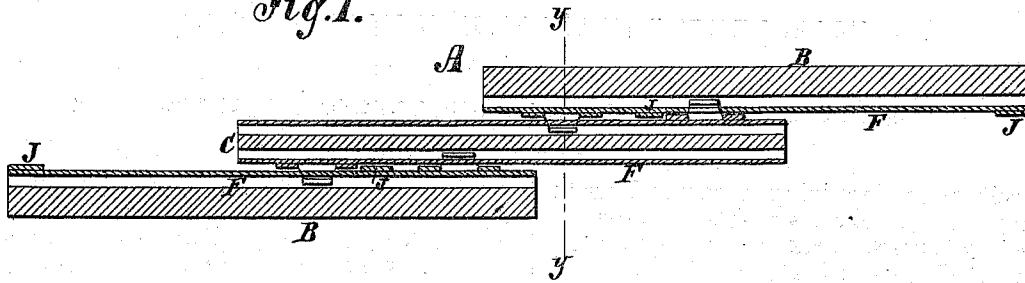


Fig. 2.

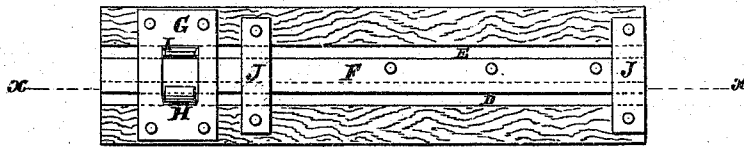
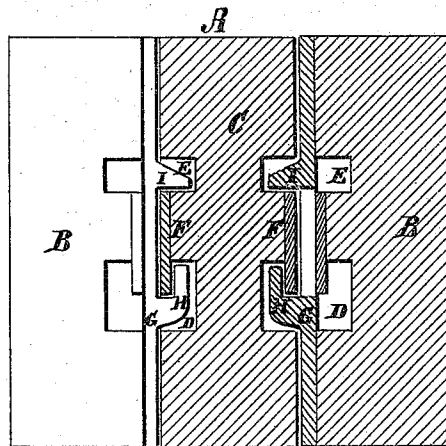


Fig. 3.



Witnesses:

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LORENZ LOTZ, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN EXTENSION-TABLE RAILS.

Specification forming part of Letters Patent No. 126,972, dated May 21, 1872.

Specification describing a new and useful Improvement in Extension-Table Rails, invented by LORENZ LOTZ, of Brooklyn, in the county of Kings and State of New York.

My invention consists in a metallic plate and hook-plate on each piece of the rail, so arranged that the wood rails do not come in contact with each other, while they slide freely back and forth.

In the accompanying drawing, Figure 1 is a sectional edge view of the extension-rail, the section being on the line *xx* of Fig. 2. Fig. 2 is a face view of one of the pieces detached. Fig. 3 is a cross-section of Fig. 1, taken on the line *yy*.

Similar letters of reference indicate corresponding parts.

In this example of my invention the rail is composed of three parts, but more or less may be used. The outer sections of the rail are grooved on only one side. The inner section is grooved on both sides.

A represents the extension-rail; B B, the outer sections, and C the inner section. Each piece has two or more grooves, D and E, the former being a broad groove, over the side of which the plate F projects. This plate is made of iron, and is a straight piece fastened with

one edge flush with one side of the narrow groove E, and with its other edge projecting over the side of the other groove D, as seen in the drawing. G represents the hook-plate, which is fastened transversely across the plate F, having two lips, H and I. The lip H is a hook, which engages with the projecting edge of the plate F, as seen in Fig. 3. The other lip I runs in the other groove, and in contact with the other edge of the plate F, and serves as a guide to keep the parts in place. J are plates of iron, fastened to the pieces, as seen, which serve as stops to limit the exhaust of the extension. The outer pieces or parts B B are rigidly attached to the ends of the table in the usual manner.

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

An extension-table rail, consisting of the wooden grooved sections B B and C, metallic plates F, hook and guide plates G, and stop-plates J, arranged substantially as described.
LORENZ LOTZ.

Witnesses:

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