

S. B. ALEXANDER.

Devices for Attaching Legs to Furniture.

No. 196,413.

Patented Oct. 23, 1877.

Fig. 1.

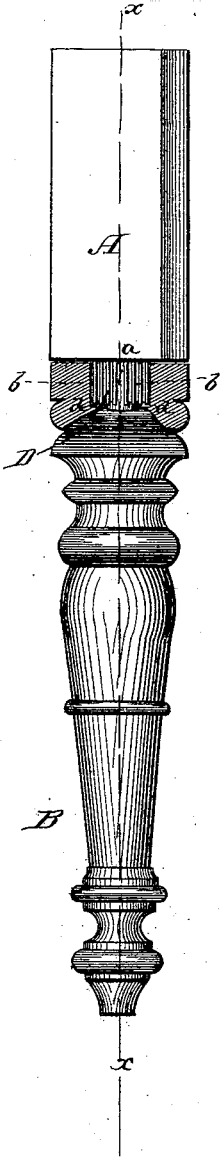


Fig. 2.

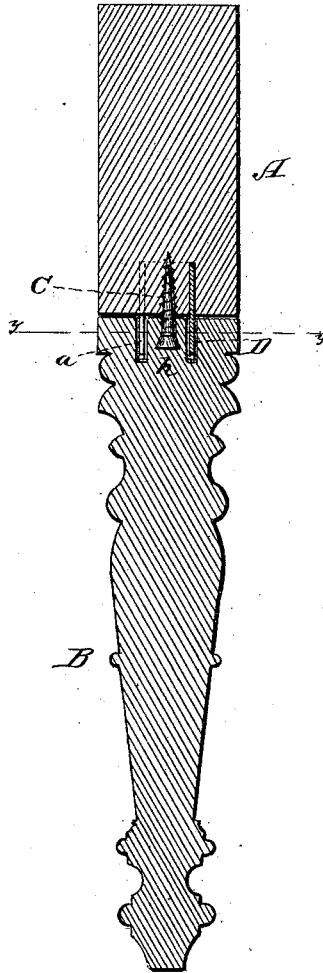


Fig. 3.

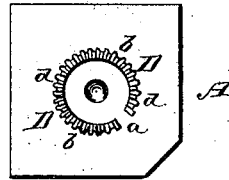


Fig. 4.

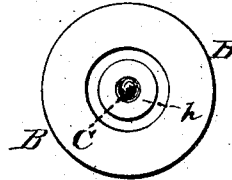
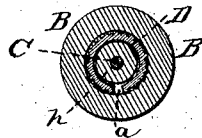


Fig. 5.



Witnesses:

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# UNITED STATES PATENT OFFICE.

SAMUEL B. ALEXANDER, OF SPRINGFIELD, OHIO.

## IMPROVEMENT IN DEVICES FOR ATTACHING LEGS TO FURNITURE.

Specification forming part of Letters Patent No. **196,413**, dated October 23, 1877; application filed July 7, 1877.

*To all whom it may concern:*

Be it known that I, SAMUEL B. ALEXANDER, of Springfield, in the county of Clarke and State of Ohio, have invented certain new and useful Improvements in Fastening Legs for Furniture; 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 which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to the mode of fastening legs for furniture; and it consists in a split, corrugated, and toothed ferrule, forming the joint between the leg and the frame, and in the combination of parts, as will be hereinafter more fully set forth.

In the annexed drawing, which fully illustrates my invention, Figure 1 is a side elevation of my invention, partly in section. Fig. 2 is a central vertical section on line *x x*, Fig. 1. Fig. 3 is a bottom view of the corner-post. Fig. 4 is a top view of the leg; and Fig. 5 is a transverse section on line *y y*, Fig. 2.

A represents the corner-post of the frame for a table or other piece of furniture to which the leg B is to be secured.

The leg B is, in its upper end, provided with an upwardly-projecting screw, C, located in the center of the said end, as shown, to be screwed into the under side of the frame-post A. In the under side of this frame-post is driven a ferrule or sleeve, D, which is on one side provided with a longitudinal slot, *a*, leaving an opening on that side, as shown. This sleeve or ferrule is also formed on the outside with longitudinal corrugations *b b*, ex-

tending to the lower end to form teeth *d d* around the entire lower edge. In the top of the leg B is cut a circular groove or recess, to receive the projecting end of the sleeve or ferrule D, leaving, as it were, a tenon, *h*, in the center, and from the center of this tenon projects the screw C.

In fastening the leg to the frame-post, the leg is turned so as to screw in the screw C, and at the same time the sleeve or ferrule D enters the recess for it, and, if necessary, cuts its way into the wood, and forms a double bearing, making the leg firm and solid to the frame.

In case of the wood shrinking, the sleeve or ferrule, being split or slotted, as described, will contract and close tightly on the tenon *h*, making at all times a firm and durable bearing.

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

1. In combination with the part A and the leg B, the split sleeve or ferrule D, formed with the longitudinal corrugations *b* and teeth *d*, substantially as and for the purposes herein set forth.

2. The combination of the frame A, the leg B, formed with the tenon *h*, and provided with the screw C, and the split, corrugated, and toothed sleeve or ferrule D, substantially as and for the purposes herein set forth.

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

SAMUEL B. ALEXANDER.

Witnesses:

J. S. SHOWALTER,  
FRED. SCHUCHMAN.