

J. F. Akerstein.

PATENTED JUN 27 1871

Furniture-Tip.

116392

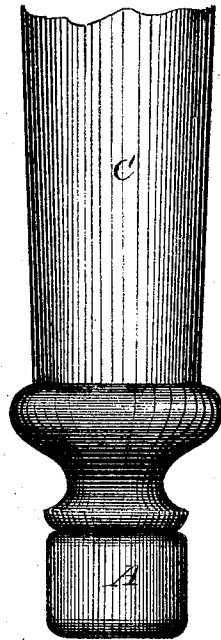


Fig. 1.

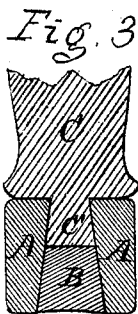


Fig. 3.

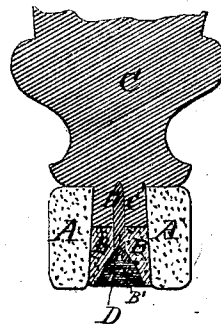


Fig. 2.

Attest
A. Ruppert.
Chas. H. Hoadaway

Johani F. Akerstein
Inventor

per
C. F. Clausen
his Atty.

UNITED STATES PATENT OFFICE.

JOHAN FRITHJOF AKERSTEIN, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN FURNITURE-TIPS.

Specification forming part of Letters Patent No. 116,392, dated June 27, 1871.

To all whom it may concern:

Be it known that I, JOHAN FRITHJOF AKERSTEIN, of Chicago, in the county of Cook and in the State of Illinois, have invented a new and useful Improvement in Furniture-Tip; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a front view, and Figs. 2 and 3 are vertical central sections, showing the tip or pad, part of a chair-leg or post, and the plug, into which a screw is inserted, which serves to secure the tip or pad to its position.

Similar letters of reference are employed in the several figures.

The nature of my invention consists in an elastic tip or pad attached to the ends of chair-legs, tables, bedsteads, or any other kind of furniture which rests upon legs or posts, by means of a screw, which is inserted in a conical-shaped plug fitting into a similar vertical aperture provided for that purpose at the center of the tip.

A is a cylindrical-shaped piece of India rubber, gutta-percha, or any other suitable material, the edges of which are rounded, and at its center provided with a vertical conical aperture extending the whole length of the cylinder. The aperture is tapering upward, and made large enough to receive the conical projection C', into which the chair-leg terminates, and to which the tip is to be secured. The projection C' fits snugly into the aperture, and the upper part of the tip rests

firmly against the lower surface of the chair-leg, as shown in Fig. 2. A conical-formed plug, B, is then inserted from the broad end of the aperture and fastened to the end of the chair-leg by means of a screw, D, which passes through the center of the plug into the projection C'. The tip A is now securely attached to the chair-leg, and may easily be removed by taking out the screw and plug. In order to prevent the screw-head from coming in contact with the floor or carpet when the tip and plug have been worn shorter, the screw may be turned more or less into the chair-leg, leaving a small recess, B', in the plug, which may be filled with cement or paste. The screw D may be entirely dispensed with, as shown in Fig. 3, and substituted by applying some kind of cement or paste to the projection C' and the plug B. This conical-shaped projection C', as well as the plug B, both serve as wedges, which will expand the tip A and keep it firmly in its position.

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

The combination of the tip A, plug B, screw D, and the projection C', constructed and arranged as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHAN FRITHJOF AKERSTEIN.

Witnesses:

AUGUST SAHESTROM,
PETER ROHDIN.