E. S. Torrey,

Attaching Tips to Furniture Feet,

No. 60,967. Patented Jan. 1, 1867.

Fig. 2

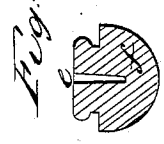
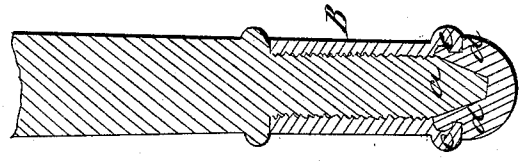


Fig. 1



Witnesses.

Wesman Gros

Wm. W. Chapman

Inventor

E. S. Torrey

per J. J. Greenough

Atty

United States Patent Office.

E. S. TORREY, OF NEW YORK, N. Y.

Letters Patent No. 60,967, *dated January* 1, 1867.

IMPROVED MEANS FOR ATTACHING ELASTIC TIPS TO LEGS OF FURNITURE.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, E. S. TORREY, of the city, county, and State of New York, have invented a new and useful improvement in Attaching Elastic Tips to Furniture Legs; and I hereby declare and ascertain my said invention as follows, referring to the accompanying drawings, in which—

Figure 1 is a vertical section through the centre of the leg, with the elastic tip attached.

Figure 2 is an elastic tip, shown in section before being attached.

The object of my invention is a cheap, convenient, and readily applied fixture for securely confining elastic tips to the legs of furniture. I have found it difficult, by any means heretofore essayed, without too much complexity and expense, to permanently fasten elastic tips to furniture legs, especially where the legs are too small to form a socket therein.

My present device is a simple and secure fastening, readily applied to old as well as new furniture. Its construction is as follows: The lower end of the furniture leg *a* is pointed, and on to it is fitted a metal ferrule, B, by screws, (or otherwise,) as is clearly shown in the drawing. Opposite the conical or pointed part of the leg *a* there is a recess, *c*, around the inside of the ferrule or socket B, and at the bottom of a flanch, *d*, projecting inward, as clearly seen in the drawing. My elastic tip is formed of vulcanized India rubber, or such other suitable material as shall be found adapted to the purpose, and I prefer to have it formed as seen at *f*, fig. 2; the lower part being the segment of a sphere, the upper part being in shape a neck with a small recess around it, as clearly illustrated in the figure; and in the centre or axis of this neck, at *e*, there is an acute conical hole. This elastic tip *f* is pressed into the ferrule B, and when the ferrule is screwed on to the leg *a*, the point of the cone enters the hole in the elastic tip, and spreads it, forcing it outward into the recess in the ferrule, and pinching and holding it firm, as seen in fig. 1.

Having thus fully described my mode of fastening elastic tips to furniture legs, what I claim, and desire to secure by Letters Patent, is—

The combination of the socket B and conical leg *a* with the tip *f*, substantially as and for the purposes herein set forth.

E. S. TORREY.

Witnesses:

WM. Z. W. CHAPMAN,

J. J. GREENOUGH.