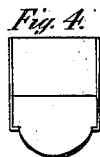
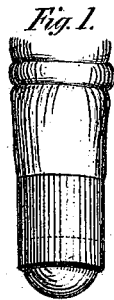


F. H. Holton,

Chair Tilt.

No. 107,685.

Patented Sept. 27, 1870.



Witnesses:

William Gray

A. G. Baker

F. H. Holton

United States Patent Office.

FRANCIS H. HOLTON, OF BROOKLYN, NEW YORK.

Letters Patent No. 107,685, dated September 27, 1870.

IMPROVEMENT IN CHAIR AND FURNITURE-TIPS.

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

To all whom it may concern :

Be it known that I, FRANCIS H. HOLTON, of Brooklyn, in the county of Kings and State of New York, have invented a Chair or Furniture-Tip, of which the following is a specification.

An India-rubber pad, secured in the end of a metallic ferrule or cap, for the purpose of applying it to the legs of chairs, or other kinds of furniture, to prevent noise in moving them about on hard floors.

Figure 1 is a tip complete, on a chair leg.

Figure 2, metallic ferrule or cap, the dotted lines showing the rubber pad. The end to which the rubber is attached is perforated with holes, of any desired size or form, to permit the rubber to interlock and become vulcanized in the ferrule or cap, which fastens it so securely that it cannot be removed.

Figure 3 is the India-rubber pad, the dotted lines showing the ferrule or cap.

Figure 4, shows sectional view of ferrule or cap, and the rubber pad.

Figure 5, shows end of ferrule or cap, with the perforations or holes by which the rubber is secured.

Figure 6, shows ferrule or cap, which may be straight or flaring, like the skeleton outline; therefore

What I claim as new, and for which I desire Letters Patent, is—

The combination of the India-rubber pad, fig. 3, with the metallic ferrule or cap, figs. 2 and 5, by vulcanizing the rubber with the ferrule or cap, all substantially as and for the purposes described.

F. H. HOLTON.

Witnesses :

WILLIAM GRAY,
N. F. BAKER.