

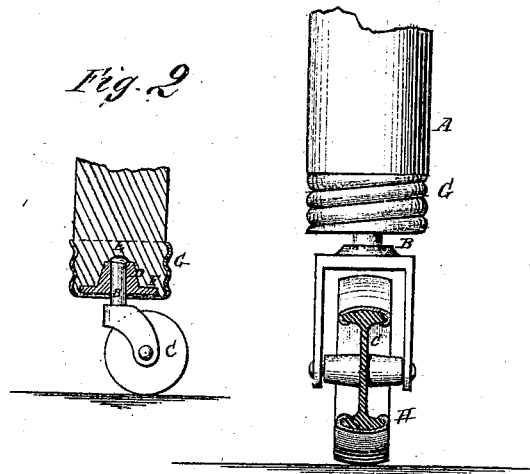
J. Kintz,

Caster.

No. 107,507.

Patented Sep. 20. 1870.

Fig. 1



Witnesses:

A. W. Almqvist
Geo. W. Mabee

Inventor:

Joseph Kintz

PER

Munn & Co

Attorneys.

United States Patent Office.

JOSEPH KINTZ, OF WEST MERIDEN, CONNECTICUT, ASSIGNOR TO HIMSELF AND P. J. CLARK, OF SAME PLACE.

Letters Patent No. 107,507, dated September 20, 1870.

IMPROVEMENT IN CASTERS.

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, JOSEPH KINTZ, of West Meriden, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Casters; 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 make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in the method of attaching casters to furniture-legs, and consists in the construction and arrangement of parts, as hereinafter set forth.

Figure 1 of drawing is an elevation of a part of a furniture-leg and a caster-wheel, the latter being partly in section.

Figure 2 is a sectional elevation of a furniture-leg, with a caster-wheel attached according to my invention.

A indicates a wooden furniture-leg, and

B a spindle, in whose bifurcated end the wheel C is pivoted.

It is highly desirable to hold this spindle in the leg, so that, while it can turn freely, it will have but little lateral play, and will not wear the wall of the hole in which it is fitted. It is also important to attach it so that it will not drop out when the leg is raised. For

these reasons I provide a hard metal bush, D, to be fitted into the wooden leg, to take the wear of the spindle, which I fit into a central vertical hole, and I extend the spindle through it at the top, and form thereon a head, E, by riveting it down, or otherwise, so that, after being thus arranged, it cannot drop out.

This bush is then let into a socket, previously formed in the end of the wooden leg for it, and it has a broad disk or flange, F, fitting in a recess provided for it.

The bush is then secured, by a screw-threaded cap, G, screwed on the end of the leg. The rim of the wheel is shown, in fig. 1, as being covered with sheet metal.

I do not claim, broadly, a screw-cap, constructed and applied to a furniture-leg, as described; but

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The combination, with a furniture-leg, A, of a bush or pintle-socket, D, provided with a flange, F, and the screw-cap G, all constructed and arranged as shown and described.

JOSEPH KINTZ.

Witnesses:

JOHN Q. THAYER,
E. A. MERRIMAN.