

J. MUNGER.
Wheels for Furniture Casters.

No. 214,518.

Patented April 22, 1879.

FIG 2

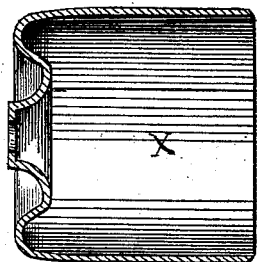


FIG 3

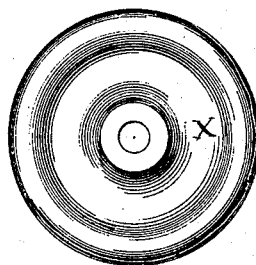


FIG 4



FIG 5



FIG 7

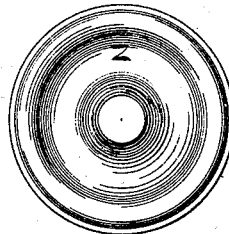


FIG 6

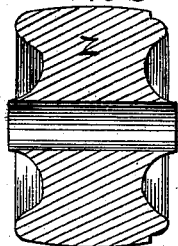


FIG 1

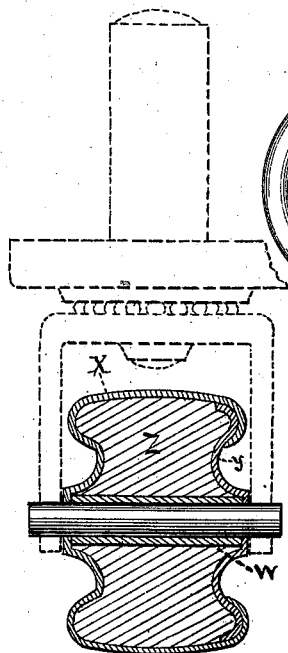


FIG 9

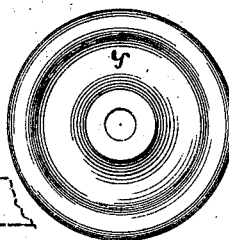


FIG 8



Witnesses.
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UNITED STATES PATENT OFFICE.

JOSEPH MUNGER, OF WATERBURY, CONNECTICUT, ASSIGNOR TO SCOVILL
MANUFACTURING COMPANY, OF SAME PLACE.

IMPROVEMENT IN WHEELS FOR FURNITURE-CASTERS.

Specification forming part of Letters Patent No. **214,518**, dated April 22, 1879; application filed
January 19, 1874.

To all whom it may concern:

Be it known that I, JOSEPH MUNGER, of Waterbury, in the county of New Haven and State of Connecticut, have invented certain Improvements in Casters, of which the following is a specification.

My invention relates to certain improvements in the wheels or rollers of furniture-casters, whereby greater durability, improved appearance, and cheapness of construction are attained; and the invention consists in the novel combination and use of a struck-up shell, forming the body of the wheels, a disk or end piece, and suitable filling or center; and it further consists in the use of a tube or bearing, when needed, for strengthening purposes, through which the pin or axle of the caster passes, all as hereinafter more fully described and definitely claimed.

Figure 1 shows a vertical section of wheel; Figs. 2 and 3, the section and end of shell; Figs. 4 and 5, the section and end of tube;

Figs. 6 and 7, the section and end of filling; Figs. 8 and 9, the section and end of disk.

The wheel is made of a shell, X, struck up in the shape shown in the drawings, Fig. 2. Into the open end of shell X is placed the disk or end piece *y*. To give strength to the wheel when a thin shell is used, a filling or center, Z, is inclosed. For the purpose of producing a smooth bearing and stiffening the wheel, the tube *w* is used, through which the pin or axle passes.

I claim as my invention—

1. A caster-wheel consisting of a shell, X, disk *y*, and center or filling, Z, substantially as described.

2. A caster-wheel, consisting of a shell, X, disk *y*, center or filling Z, and tube or bearing *w*, substantially as described.

JOSEPH MUNGER.

In presence of—

M. L. SPERRY,
W. B. MERRIMAN.