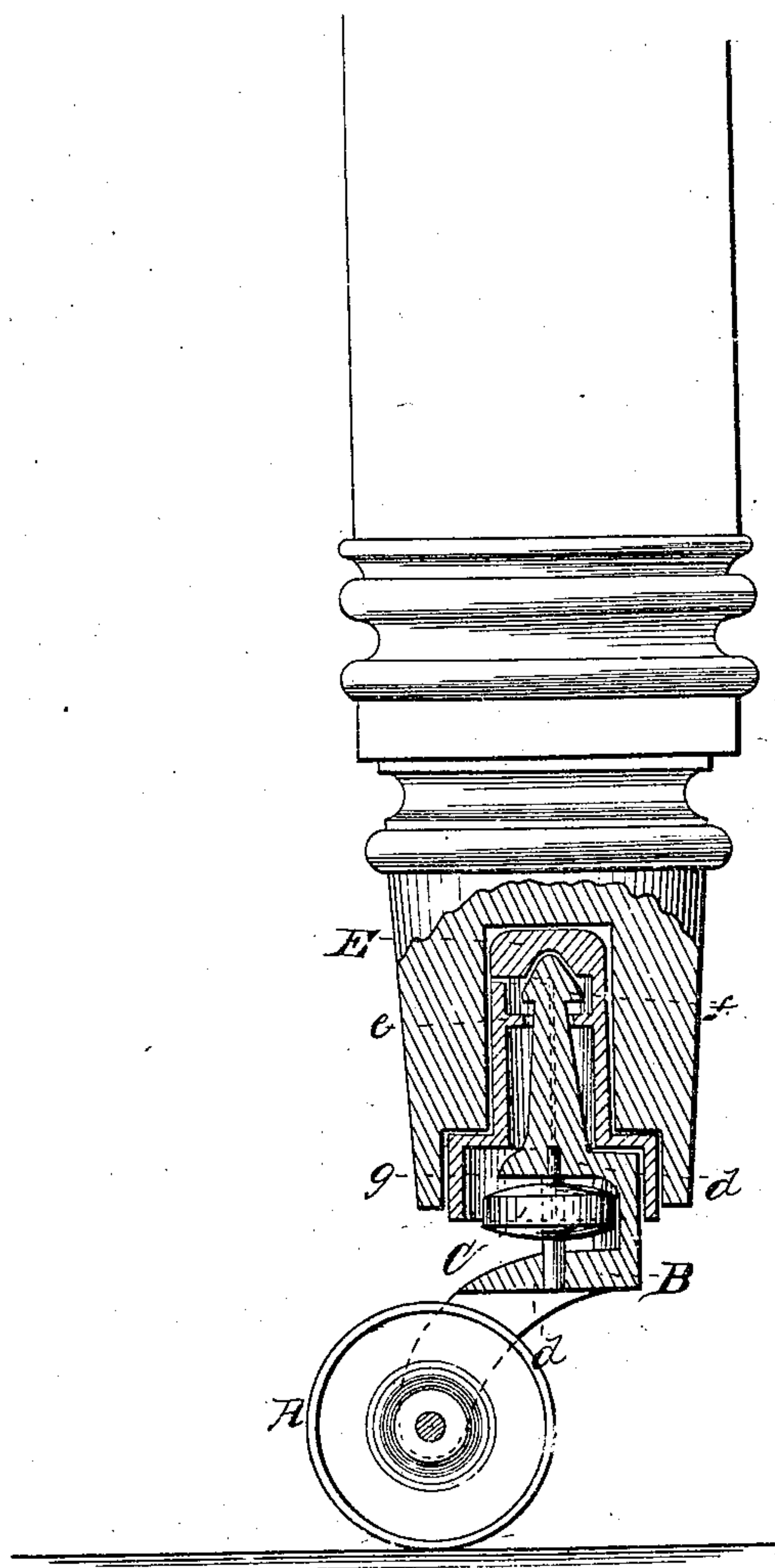


H. Munroe,

Furniture Caster.

N^o 80,990.

Patented Aug. 11, 1868.



Witnesses.

Wm A Morgan
Chas. C. Cotton

Inventor.
H. Munroe

per Munroe
Attorneys

United States Patent Office.

HEZEKIAH MUNROE, OF FALL RIVER, MASSACHUSETTS, ASSIGNOR TO
ALBERT F. MUNROE, OF SAME PLACE.

Letters Patent No. 80,990, dated August 11, 1868.

IMPROVED CASTER FOR FURNITURE.

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, HEZEKIAH MUNROE, of Fall River, in the county of Bristol, and State of Massachusetts, have invented a new and useful Improvement in Furniture-Casters; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to an improvement in casters for furniture, baggage-trucks, and other purposes; and it consists in combining a friction-roll with the caster-spindle, and in the manner of its arrangement and operation.

The drawing represents a caster, constructed according to my invention, applied to the leg of a piece of furniture, the working parts being in section.

A represents the caster-roll.

B is the spindle, to which the roll is attached.

C is the friction-roll, which is placed in a recess in the spindle, where it freely revolves on pivots *d d*.

E is the shell, which is inserted into the leg, as seen in the drawing.

This shell is made in two parts, or divided longitudinally, forming a circular chamber, *g*, at the bottom end, which encloses the friction-roll, and against the inside of which the friction-roll bears as the spindle is revolved, thus relieving the spindle of the friction produced in ordinary casters.

The shell is provided with an interior flange, *e*, for supporting the spindle by the collar *f* when the caster is raised from the floor.

By this arrangement the spindle is made to play freely in either direction, the possibility of binding being prevented by the friction-roll, thus greatly increasing not only the durability of the caster, but saving floors and carpets from injury.

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

The arrangement, in the horizontal recess formed in the side of the spindle B, of the horizontal friction-roll C, bearing against the inner surface of the chamber *g*, formed at the lower end of the case E, said spindle being held within the case by the flange *e* and shoulder *f*, all constructed as described for the purpose specified.

HEZEKIAH MUNROE.

Witnesses:

THOMAS G. MUNROE,

CHARLES M. MUNROE.