

(No Model.)

A. STONEHOUSE & R. VIETOR.
FURNITURE CASTER.

No. 413,574.

Patented Oct. 22, 1889.

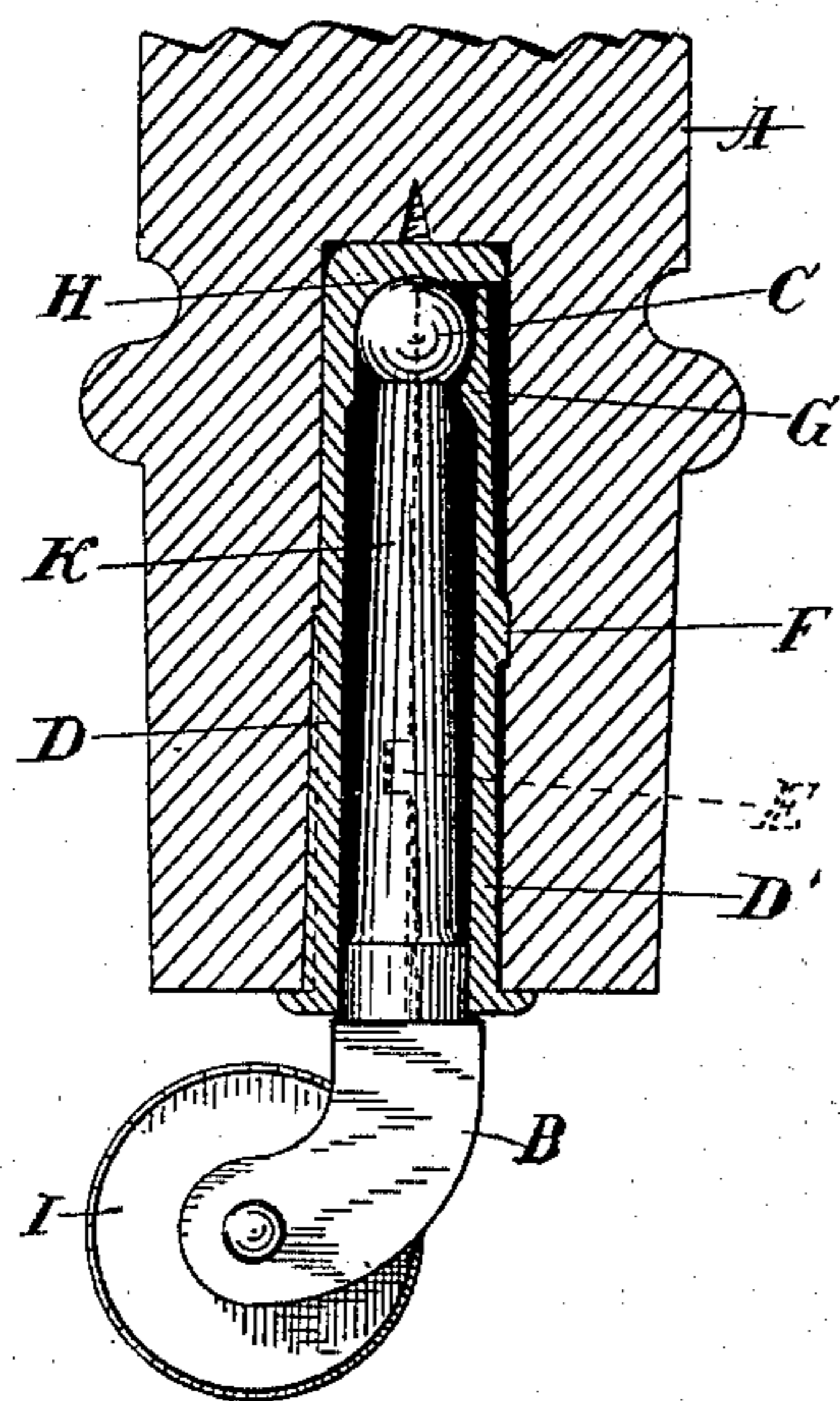


FIG. 1.

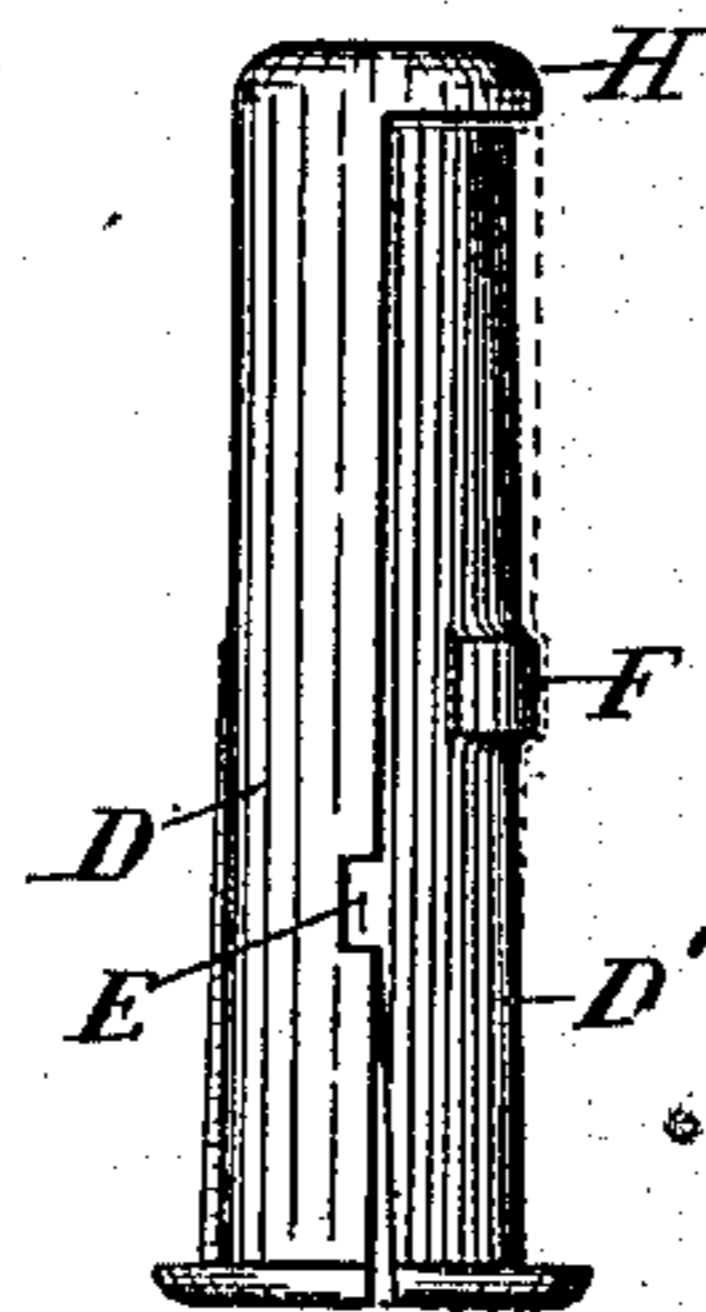


FIG. 2.

Witnesses

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ALBERT STONEHOUSE AND RUDOLPH VIETOR, OF GRAND RAPIDS,
MICHIGAN.

FURNITURE-CASTER.

SPECIFICATION forming part of Letters Patent No. 413,574, dated October 22, 1889.

Application filed February 19, 1889. Serial No. 300,500. (No model.)

To all whom it may concern:

Be it known that we, ALBERT STONEHOUSE and RUDOLPH VIETOR, citizens of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Furniture-Casters; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings.

Our invention relates to a caster for furniture, and particularly to that class of casters having a stem adapted to a vertical socket in the bottom of the leg of a piece of furniture; and it consists in the devices and arrangement of parts hereinafter described, and more particularly pointed out in the claims, for preventing the stem from slipping out of the socket when the leg is lifted from the floor.

In the drawings, Figure 1 is a vertical section of the leg of a piece of furniture having our caster attached, with a vertical section of the bushing and a side elevation of the wheel and stem. Fig. 2 is a detail of the bushing.

A represents the leg of the piece of furniture; B, the caster, having the wheel I, stem K, and enlargement or ball C.

In Fig. 2 the bushing is shown in two parts D and D'. The part D has the cap H integral therewith. The edges of part D' are inclined away on either side of the lug E, which engages with a corresponding notch in part D. Part D' also has the rib F, for bearing against the sides of the socket against the wood of the leg.

G is a shoulder on the inside of part D', which, with part D, cap H, and upper part of

D', forms a chamber and engages with the under side of the enlargement of the stem or ball C and prevents it from dropping out when the leg is lifted from the floor. The edges of part D' being inclined away from part D at E, permits of part D' rocking upon part D as upon the fulcrum of a lever at E, permitting the ball of the stem to pass over the shoulder G, and the pressure of rib F against the wood is sufficient to bind the stem and hold it from dropping out.

What we claim, and desire to secure by Letters Patent, is—

1. In a furniture-caster, the combination of a vertical stem having an enlarged end at the top, a bushing in two parts having their edges adapted to rock upon each other, substantially as described, provided with a rib adapted for engaging the side of the socket inclosing the bushing, and a shoulder adapted for engaging said enlargement of the stem, substantially as and for the purposes described.

2. In a furniture-caster, in combination with a vertical stem having an enlarged top, a bushing in two parts D and D', the part D having the cap H and a notch arranged substantially as described, and the part D' having the lug E and having its edges inclined away upon either side of E, substantially as described, and the rib F, arranged between the lug E and cap H, substantially as and for the purposes described.

In testimony whereof we affix our signatures in presence of two witnesses.

ALBERT STONEHOUSE.
RUDOLPH VIETOR.

Witnesses:

DENNIS L. ROGERS,
LUTHER V. MOULTON.