C. B. SHELDON.

Furniture-Casters.

No. 155,763. Patented Oct. 6, 1874.

Fig. 1.

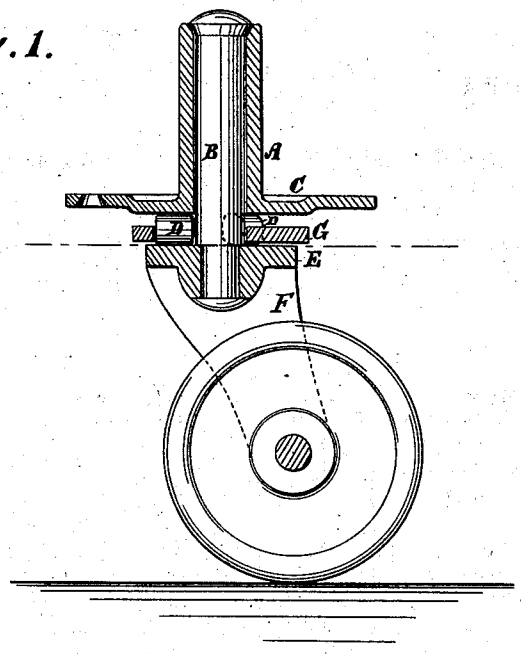
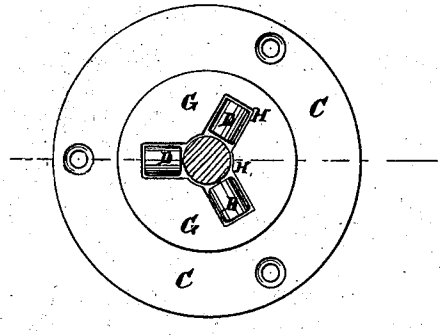


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CEVEDRA B. SHELDON, OF NEW YORK, N. Y.

IMPROVEMENT IN FURNITURE-CASTERS.

Specification forming part of Letters Patent No. **155,763**, dated October 6, 1874; application filed September 5, 1874.

CASE N.

To all whom it may concern:

Be it known that I, CEVEDRA B. SHELDON, of New York city, in the county and State of New York, have invented a new and Improved Furniture-Caster, of which the following is a specification:

This invention consists of cylindrical anti-friction rollers interposed in a novel manner between the ring or flange of the socket-tube for the spindle and the top plate of the horns, the said rollers being held in place by slotted disk, which confines the inner ends close against the spindle, thereby enabling the top plate of the horns to afford, by its ordinary size, ample surface for the rollers to run on, and thus saving the necessity of enlarging it; and the outer ends of the rollers are confined by the outer ends of the radial slots in the disk, so that the forming of a recess in the flange of the spindle-socket for that purpose is avoided.

Figure 1 is a sectional elevation of my improved caster, taken on the line *x x* of Fig. 2; and Fig. 2 is a horizontal section taken on the line *y y* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the socket for the caster-spindle B, and C is the flange of said socket, which I make plain or flat, in the simplest and cheapest form. D represents the cylindrical rollers, which I introduce between the bottom of the flange and the top of the plate E of the horns F. G represents the disk for confining the rollers between said flange and the horn-plate; also, for preventing them from running together. This disk I make with radial slots H for the rollers, beginning at the central hole in the disk, and extending outwardly only so far as the length of the rollers, and terminating sufficiently short of the periphery to enable the disk itself to confine the rollers against working outward, and thus saving the necessity of making any change either in the horn-plate or the flange from the ordinary construction; also, saving the providing of any means other than the disk for confining the rollers, whereby the construction is rendered the most simple, and the arrangement is, at the same time, as permanent and durable as any, if not more so.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The interposed slotted disk G between the top of the horn-plate E and the bottom of the socket-flange C, said plate and flange being arranged to confine the rollers D next to the spindle, and without a socket either in the horn-plate or the socket-flange, as shown and described, for the purpose set forth.

CEVEDRA B. SHELDON.

Witnesses:
T. B. MOSHER,
F. BLOCKLEY.