

S. KONZ.
FURNITURE-CASTER.

No. 178,857.

Patented June 20, 1876.

Fig.2.

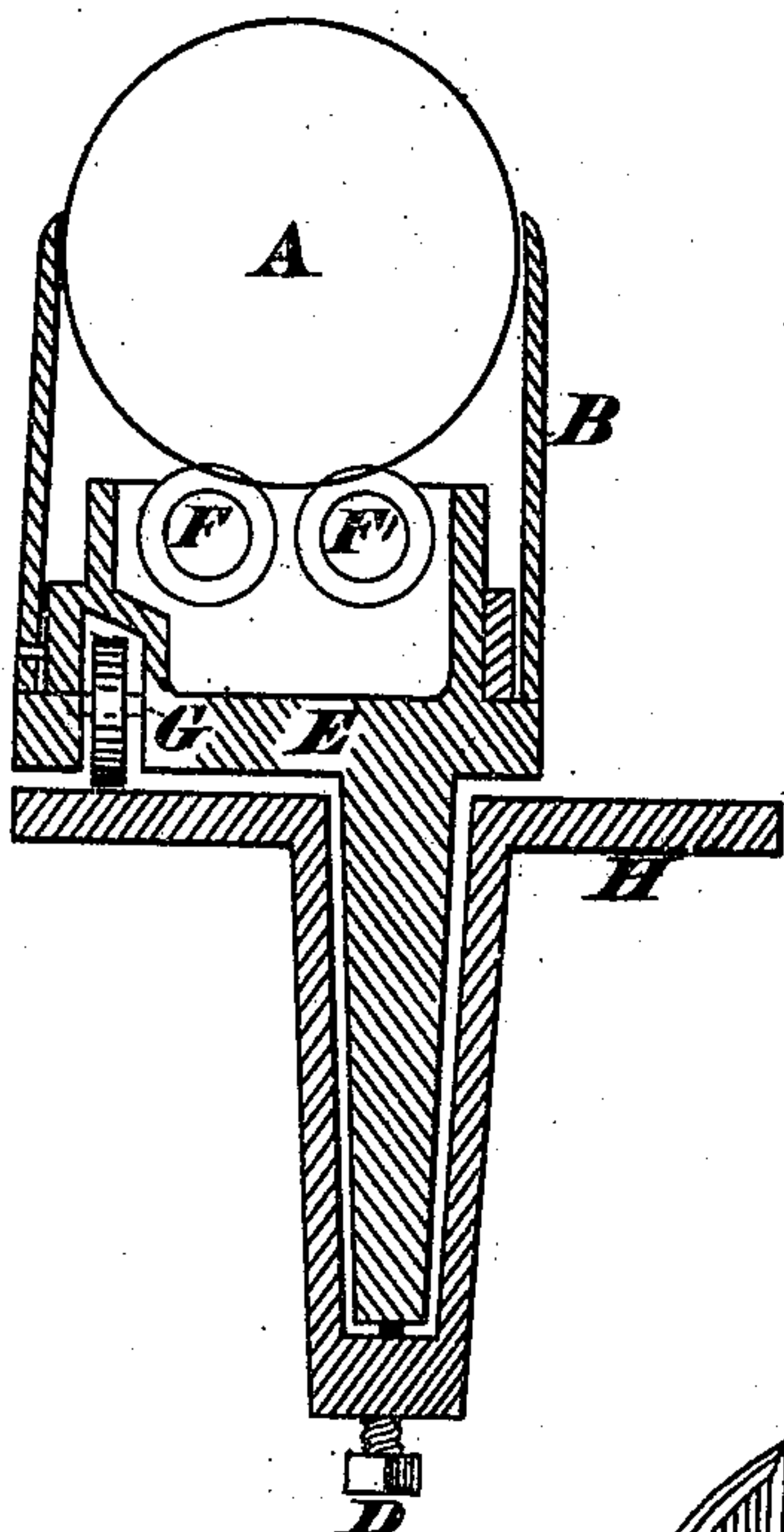
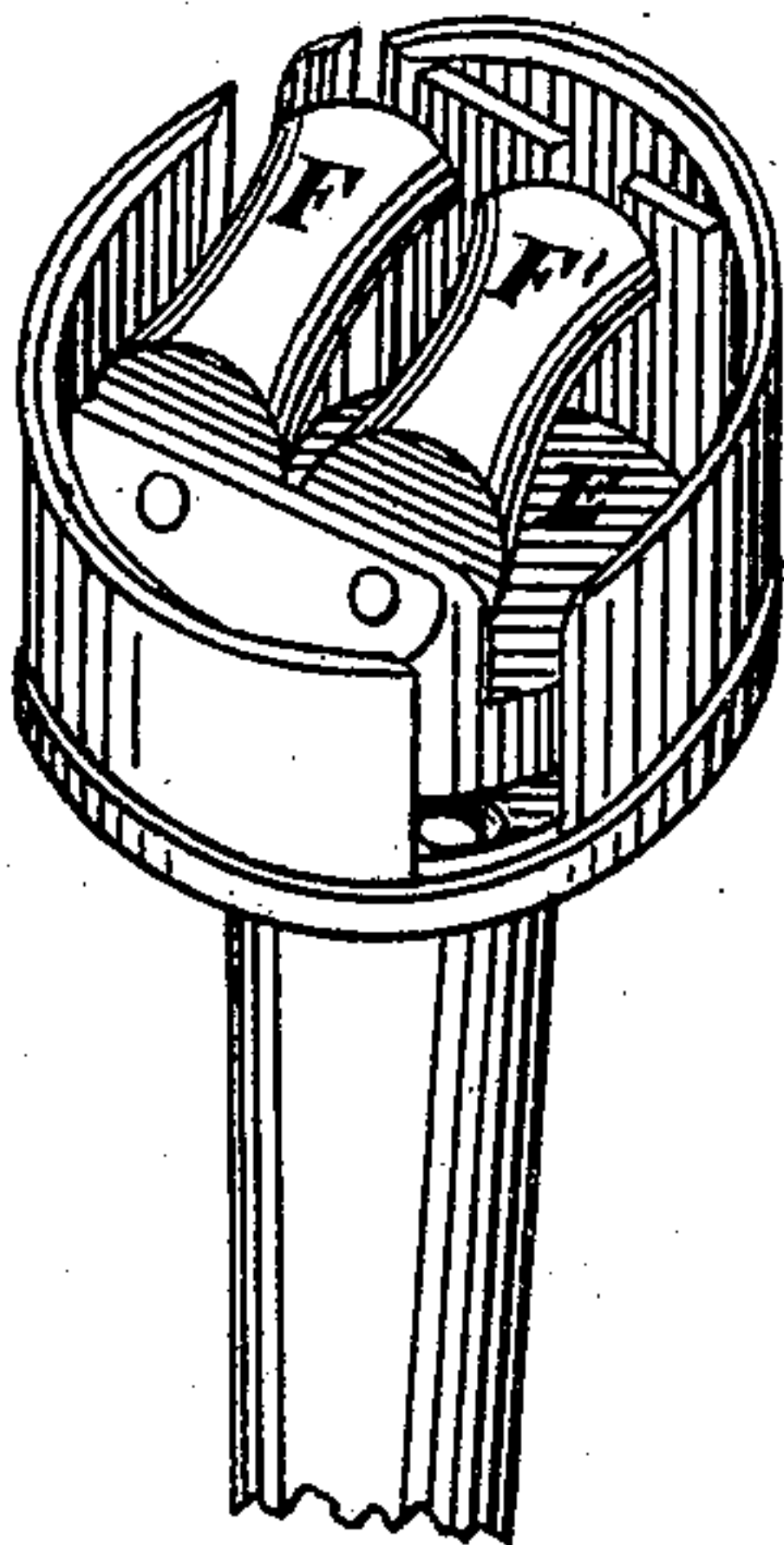


Fig.1



WITNESSES.

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UNITED STATES PATENT OFFICE.

SEBASTIAN KONZ, OF LOUISVILLE, KENTUCKY, ASSIGNOR OF PART OF HIS
RIGHT TO PHILIP MENDEL AND JEFF. BROWN, OF SAME PLACE.

IMPROVEMENT IN FURNITURE-CASTERS.

Specification forming part of Letters Patent No. **178,857**, dated June 20, 1876; application filed
November 27, 1875.

To all whom it may concern:

Be it known that I, SEBASTIAN KONZ, of the city of Louisville, in the county of Jefferson and State of Kentucky, have invented a certain 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 others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a perspective view of the device, showing the friction-rollers, on which the ball works. Fig. 2 is a sectional view, showing the general construction and arrangement of of the several parts.

This my invention relates to a new and useful improvement in furniture-casters, consisting, mainly, in the novel construction and combination of a perfectly-round ball as the roller, which is made to work on small metallic friction-rollers of a peculiar form, arranged in the base of the caster, in order to do away with the friction caused by the weight of the furniture on the ball, which would otherwise have to slide on a plane surface to enable the ball to turn in moving the article to which it is attached, the ball being kept in its place by means of a metal ring or casing around it, but not fitting so close as to cause friction by rubbing against the sides in turning, as will be hereinafter more fully described, and definitely claimed.

In the drawings hereinbefore referred to, A

is the ball, which may be made of any suitable material. B is the ring or casing around it, to prevent its dropping out of its place. C is the case or stem to which it is attached, which is done by means of screws at the sides. D is a set-screw for adjusting the interior stem of the roller. E is the base part or journal-bearings of the friction-rollers—all of which are made of suitable metal and in form as shown in the drawing. F F' are the friction-rollers on which the ball works. These rollers are hollowed out in the center to correspond with the circle of the ball. G is a small roller, situated in the under side of the roller-bearings E, to prevent friction in turning. H is the flange of the socket, on which it works. This socket and flange are made in form as shown in the drawing, and is inserted in the legs of the article on which it is used and secured therein by means of screws through the flange.

Having thus fully described the nature and object of this my invention, what I claim as new, and desire to secure by Letters Patent, is—

In the above-described caster, the combination of the ball A, casing B, adjusting-screw D, concave friction-supports F F', base E, and roller G, constructed and arranged substantially as shown.

SEBASTIAN KONZ.

Witnesses:

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