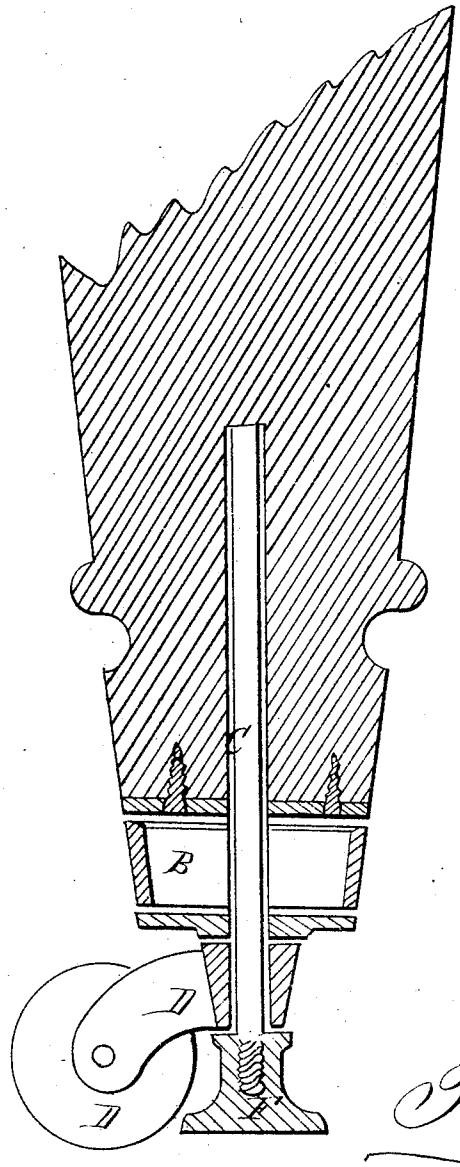
T. FRY.

CHAIR CASTER.

No. 27,792. Patented Apr. 10, 1860.



Inventor

Thos Fry

UNITED STATES PATENT OFFICE.

THOMAS FRY, OF BROOKLYN, NEW YORK.

CHAIR-CASTER.

Specification of Letters Patent No. 27,792, dated April 10, 1860.

To all whom it may concern:

Be it known that I, THOS. FRY, of Brooklyn, in the county of Kings, State of New York, have invented a new and useful Improvement in Casters for Chairs; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification.

The chair or sofa caster, in common use, is attended with serious disadvantages, arising from the fact, that the point of bearing, of the chair, upon the wheel, is so far, from the center, that it continually gets out of order, by bending the central stock or breaking the legs of the furniture, especially the delicate and most costly chairs, which involves the necessity of the ripping, the whole chair in pieces, and inserting an entire new leg. To overcome this defect, casters have been made having their bearing points upon the wheel, so near the central stock, in order to gain strength or avoid straining, that the wheel, will not readily turn around, in the direction, you wish it to travel, but will in most cases, present its flat side, to the line of travel, the consequences of which, is a constant scraping and wearing of the most costly carpets.

The accompanying drawing represents a sectional view of my invention.

To enable those skilled in the art, to make and use my invention I will proceed to describe its construction and operation, with reference to the drawing.

To remove all these difficulties of the common caster is the object of my invention, which consists in affixing to the central stock C, a permanent cap, or base, marked F, around which, the usual wheel, or caster, will revolve, also affixing, a spring, marked B, made of india rubber or metal, around the central stock C, to operate with the caster or wheel marked D D, with sufficient power to overcome the weight of the chair, which being empty, will be supported on wheels or casters upon springs, B. When any very heavy person sits upon the chair the spring will allow the caster, or wheel, to slide up. The chair will then stand firmly upon the floor by means of the cap or base F. This method will allow the bearing of the chair, to be placed at a proper distance, from the central stock, the wheel will then easily present its proper side to the line of travel, these springs will, in some measure, act as springs in the seat, and for the same purpose.

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

The combination and arrangement of the stock C the base F, the spring B with the wheel D D, substantially as, and for the purpose specified.

THOS. FRY.

Witnesses:
WM. H. HOPE,
THOMAS C. SMITH.