R. J. Beardsley,

Furniture Caster.

No. 46,334. Patented Feb. 14, 1865.

Fig 1.

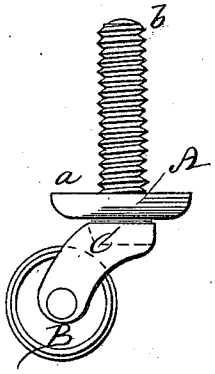


Fig: 2.

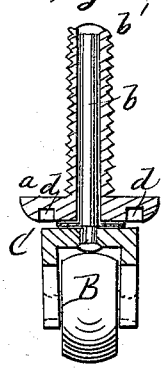
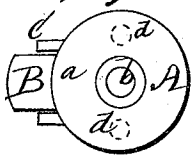


Fig: 3.



Witnesses:

J. H. Beardsley

J. W. Coombs

Inventor:

Rowland J. Beardsley

AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS)

UNITED STATES PATENT OFFICE.

ROWLAND J. BEARDSLEY, OF BROOKLYN, NEW YORK.

IMPROVED CASTER FOR FURNITURE.

Specification forming part of Letters Patent No. **46,334**, dated February 14, 1865.

To all whom it may concern:

Be it known that I, ROWLAND J. BEARDSLEY, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Wheel-Casters for Furniture, &c.; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my improved caster. Fig. 2 is a sectional view of the same. Fig. 3 is a plan of the same.

Similar letters of reference indicate corresponding parts in the several figures.

The object of my invention is to make a a wheel-caster that will hold more firmly to the leg of the table or other piece of furniture than when secured by nails or screws inserted through the flange of the hollow socket; and to this end it consists in cutting a screw-thread on the hollow socket through which the spindle of the caster passes to enable the said socket to be screwed into a hole in the leg of a table, or other piece of furniture.

To enable others skilled in the art to construct casters according to my invention, I will proceed to describe it with reference to the drawings.

A is the socket of the caster, provided with a screw-thread upon its exterior, but otherwise substantially like the socket of other wheel-casters.

b is the revolving spindle, which connects the bracket C and wheel B with the socket, and allows the same to revolve freely. This spindle passes through the socket, which is countersunk at its upper end, to enable the upper end of the spindle *b* to be riveted over in such manner as to form a countersunk head, *b'*, and make a firm connection with the socket.

The advantages of this caster over others are, the ease with which it is fastened to the end of the leg of any piece of furniture, and the firm hold it takes. When it is applied to the leg, a hole is bored into the end of the latter, a little smaller than the screw-shank of the socket, so as to enable the shank to screw itself firmly into the end of the leg, thus doing away with screws or nails, and with the necessity of making so large a hole, and thereby weakening the end of the leg, besides making a more secure attachment.

The flange *a* of the socket has two holes, *d d*, provided in it to receive a forked screw-driver, to screw it into the leg.

Having thus described my invention, I claim as a new article of manufacture—

A wheel-caster having a screw-thread on the outer surface of the socket which receives the revolving spindle, when this spindle is passed through the socket and attacked thereto by means of a head formed on its upper end, as herein described.

ROWLAND J. BEARDSLEY.

Witnesses:

J. A. BEARDSLEY,

J. W. COOMBS.