





# United States Patent Office.

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*Letters Patent No. 105,731, dated July 26, 1870.*

## IMPROVEMENT IN TABLE-CASTER.

The Schedule referred to in these Letters Patent and making part of the same.

We, DANIEL SHERWOOD, EDWARD P. WOODS, and GEORGE D. DUDLEY, of Lowell, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Table-Casters, of which the following is a specification.

### *Nature and Objects of the Invention.*

Our invention consists in a novel manner of constructing a table-caster of twisted wire; and

It has for its object a light, cheap, and substantial article of table-furniture.

### *Description of the Drawing.*

Figure 1 is a perspective view of our improved caster.

Figures 2, 3, 4, and 5 are detail views, showing the construction of the various parts.

### *General Description.*

The frame of the caster, consisting of the standard A and legs B B, is formed of strands of wire twisted together in the manner represented in the drawing, two or more strands of the proper length being twisted and bent at the center, around the ring E, to form the handle.

From this point the doubled strands are twisted to form the standard A, and then separated and twisted each with an additional wire or wires, b, to form the legs B.

The center-plate D, to which the bottle-rings C are secured, is provided with holes e, for the legs to pass through, and it is held in place and firmly united to the frame by means of the wire lacing passed through the small holes in the ends of the plate and around the legs.

The bottle-rings C, formed of plain, twisted, or wound

wire, are secured to the center-plate D by the clasps c c, which embrace them and the plate near the points where the legs pass through.

The ring E, forming the handle, is composed of a central wire covered with fine wire wound closely around it, and it is held in place by the twisted wire surrounding it being pressed into the small groove in its outer edge, or otherwise properly secured.

The places where the legs and center-plate are joined together are covered by the rosette d, to give the caster a more finished appearance.

The whole, when completed, is dipped in a bath of molten tin, for coating the same to prevent corrosion, and to solder the whole firmly together.

### *Claims.*

1. The arrangement and combination, with the wires a a, which form the handle, of the additional wires b b, to make the legs B B of the caster, in the manner shown, described, and specified.
2. The combination with the legs and handle of a caster, constructed as described, of the rings C and fastening-plate D, substantially as described and shown.
3. The combination with the handle of the grooved ring E, constructed and applied substantially in the manner described and specified.
4. The caster as a whole, constructed in the manner set forth and specified.

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Witnesses:

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