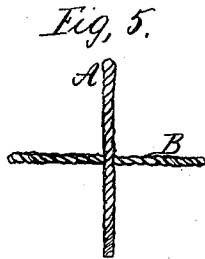
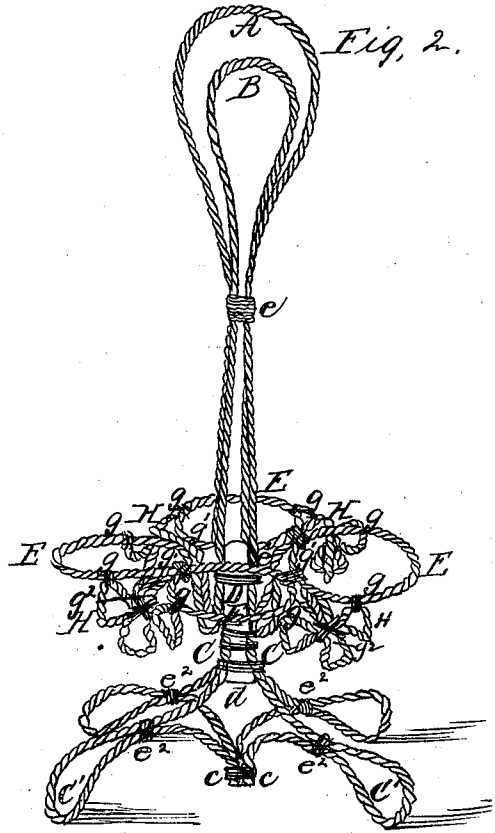
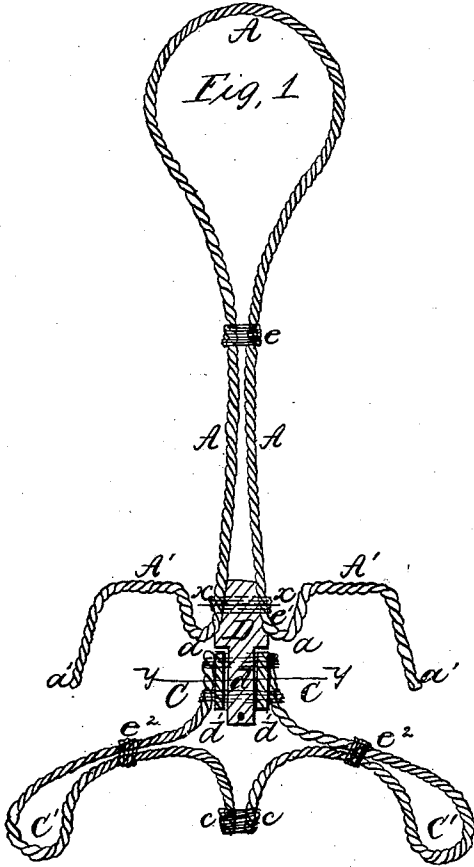


*A. B. Searles.*

*Caster.*

*N<sup>o</sup> 88,912.*

*Patented Apr. 13, 1869.*



*Witnesses,  
M. Frank Kelly  
John H. Van Dusen*

*Inventor  
Andrew D. Searles.*

# United States Patent Office.

ANDREW B. SEARLES, OF PROVIDENCE, RHODE ISLAND.

Letters Patent No. 88,912, dated April 13, 1869.

## IMPROVED TABLE-CASTER.

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

To all whom it may concern:

Be it known that I, ANDREW B. SEARLES, of the city of Providence, in the county of Providence, and State of Rhode Island, have invented a new and improved Table-Caster; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure I is a sectional view;  
Figure II is a perspective view;  
Figures III and IV are sections; and  
Figure V is a top view of the handles.

Similar letters of reference indicate like parts in all the drawings.

The nature of my invention consists in constructing table-casters, or other similar table-ware, of wire, either twisted, plain, milled, corrugated, or fluted, so bent and braced that the several wires constituting the open handles serve to hold the revolving spindle, and then to form counter-arched braces, as a skeleton-frame to sustain the bottle-rings E, and light ornamental braces H, and by so combining and uniting all the parts that they shall act as braces and counter-braces to one another; this upper frame resting and revolving upon an open standard of counter-arched wires, which hold the spindle-supporting tube, the whole forming a strong, cheap, and ornamental article of manufacture.

To enable others skilled in the art to make and use my invention, I will describe the manner of constructing the same.

A is a wire, of any suitable kind, bent in any convenient or ornamental shape at the top, and drawn together, as at *e*.

B is another similar wire, likewise shaped as A, and bent in at *e*, where the four stems are bound by small wire. The stems are then carried down any convenient distance, as at *e'*, where they are set into the grooves *ff*, in the spindle D, as shown in Figs. I and III. These stems are then curved upward into a counter-arch, to a point about level with the top of the spindle, where they are turned horizontally outward, to the extent of the caster, and then bent downward, to form a brace.

At *e*, on the spindle, these wires are bound by small

wire, so that the spindle and the wires forming the handle, are firmly fastened together, the grooves in the spindle serving as braces.

The rings are then severally bound by small wire, on each side of the horizontal parts of the handle-wires, at *g*, the stems of the rosettes, or ornamental braces, being included with them at the same time.

The rosettes, or ornamental braces H, are then bound by similar wire to the wings, at *g g*, and lashed crossways to that part of the stem-wire which is turned down, and the end wires of the rosettes, or ornamental braces, running alongside of the horizontal stem-wire, pass the joinings of the rings, and thus act as splice-supports.

The foot-piece, or standard C', is composed of similar wire to the upper part, and curved as shown in the drawings, the lower ends of them all being bound by small wire, *c*, as above, and the upper ends being inserted in the grooves in the tube, or pipe *d*, as seen in Fig. IV, and lashed with fine wire, similarly with the spindle, as seen at *e* in Figs. I and III. The legs of the standard are lashed with fine wire at *e' e'*.

The spindle D is made as represented in Fig. I, with a shoulder, the smaller part, *d*, being made to fit in the pipe *d*, which is lashed to the standard, and the spindle-head D being firmly lashed to the handle-wires A. The whole acts as a swivel, which is kept in place by the pin, at *d' d'*. The two parts, the revolving-frame and foot, or stand, are then dipped separately in molten metal, and thereby soldered and tinned at one operation.

Having described my invention,

What I claim, and wish to secure by Letters Patent, is—

The combination of the handles A B, with the revolving spindle D, and as frame-braces *a* and A', with the rings E, and ornamental braces H, the standard C', with the tube *d*, constructed as and for the purpose specified.

ANDREW B. SEARLES.

Witnesses:

M. FRANK KELLEY,  
JOHN H. VAN BUREN.