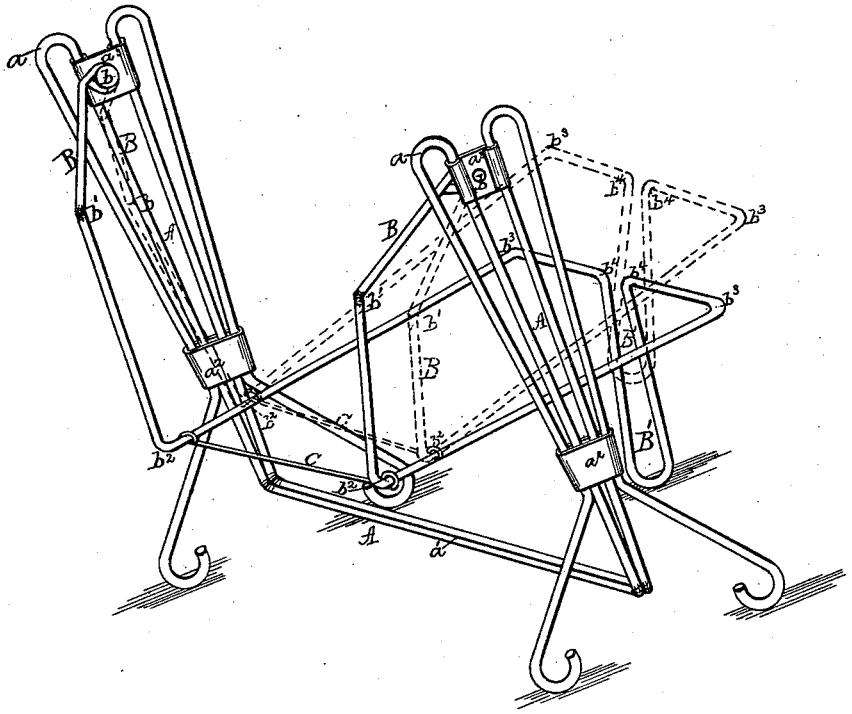
D. H. MURPHY.

Stand for Coffee-Pot, Tea-Pot, &c.

No. 212,395. Patented Feb. 18, 1879.



Witnesses:

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UNITED STATES PATENT OFFICE.

DANIEL H. MURPHY, OF PLAINVILLE, ASSIGNOR OF ONE-HALF HIS RIGHT TO G. J. CAPEWELL, OF CHESHIRE, CONNECTICUT.

IMPROVEMENT IN STANDS FOR COFFEE-POTS, TEA-POTS, &c.

Specification forming part of Letters Patent No. **212,395**, dated February 18, 1879; application filed January 14, 1879.

To all whom it may concern:

Be it known that I, DANIEL H. MURPHY, of Plainville, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Stands for Coffee-Pots, Tea-Pots, &c.; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to that class of stands for coffee-pots, tea-pots, and similar articles in which a swinging frame for holding the coffee-pot is hinged to a fixed supporting-frame, so as to facilitate the pouring out of the coffee.

The nature of said invention consists in the construction of said frames, as hereinafter set forth, and particularly in the construction of the tilting-handle and its combination with the other parts of the device, whereby it serves also both as an additional support for the coffee-pot and a stop to prevent the swinging frame from moving too far forward.

In the accompanying drawing, Figure 1 represents my improved stand in perspective.

A designates the rigid supporting-frame, consisting of standards *a a* and bottom cross-piece, a^1. This frame is preferably formed of two lengths of strong wire, bent into the shape shown, and clamped together by lower metallic bands, a^2, and upper metallic bands, a^3. The lower ends of standards *a a* are made to spread forward and back by the divergence of the ends of the wire, so as to afford a firm bearing.

The upper bands, a^3, afford means of attachment for studs *b*, which serve as bearings for the upper ends of suspended wire frame B, arranged to swing thereon. This frame is formed by bending a length of wire into an irregular loop, as shown, and connecting its front lower corners by a cross brace-bar, C. Each side of the said frame B extends first a short distance forward and inward to a point, b^1, where it bends downward and slightly outward to a point, b^2; thence it extends backward and slightly upward to a point, b^3, at the rear of the machine; thence it extends transversely inward to a point, b^4, where it bends downward. This last downward bend of each side of the swinging frame results in the formation of a loop, B′, which occupies the very middle of the length of wire and forms the rear support of the frame. As above indicated, the sides of the wire frame B are counterparts. The portions between the pivots and lower front bends, b^2 b^2, constitute the front of the swinging frame. The remainder to the bends b^4 b^4 constitutes the bottom of the swinging frame.

When the coffee-pot is set into this frame it rests, in a slightly-inclined position, partly on the front of the frame B and partly on the bottom thereof, its weight being divided between the standards *a a* and the rear support, B′. This rear support lessens the strain on the said standards, and diminishes the chance of overturning. It also acts as a stop to prevent the swinging frame from moving too far forward, which would involve some danger of overturning the coffee-pot backward, and would also do away with the advantage of leverage gained by having the coffee-pot at the outset in a position of slight forward inclination. The said support B′ also serves as a handle by which to tilt the pot for pouring out coffee. The lifting power is applied thereby at the greatest possible advantage, it being directly under the rear of the weight to be tilted. By lifting the said support and swinging frame into the position indicated by dotted lines, the coffee is poured out with very little labor.

The shape of the frame B and its arrangement with regard to standards *a a* securely holds the coffee-pot against accidental displacement; but as the said frame is perfectly open at the rear the coffee-pot may be set into it and withdrawn from it at will, without the necessity of removing any fastening whatever.

The stand, as a whole, is exceedingly light, simple, and cheap of construction. It is also neat and tasteful in appearance, and easy of transportation.

Many slight changes of construction may be made without departing from the spirit of my invention.

I do not claim, in a coffee-pot stand, the combination of a tilting frame with a rigid frame; nor do I claim the combination of a stop with such frames; but

What I do claim is—

1. The combination, with a rigid upright frame, of a swinging frame and a rear support, said support being adapted to serve both as a stop and as a handle.

2. The combination, with a rigid supporting-frame, of an open swinging frame and rear support formed from one piece.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

DANIEL H. MURPHY.

Witnesses:
W. F. WALKER,
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