(No Model.)

A. H. CONN.

CASTER FOR STOVES, &c.

No. 385,240. Patented June 26, 1888.

Fig. 1.

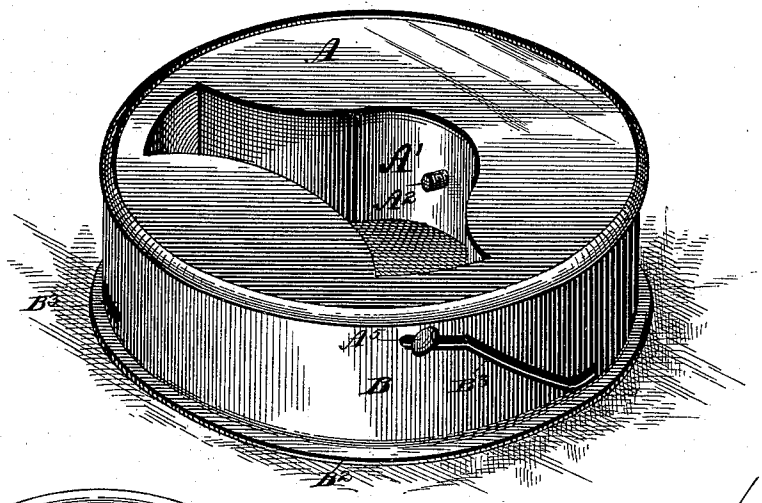


Fig. 2.

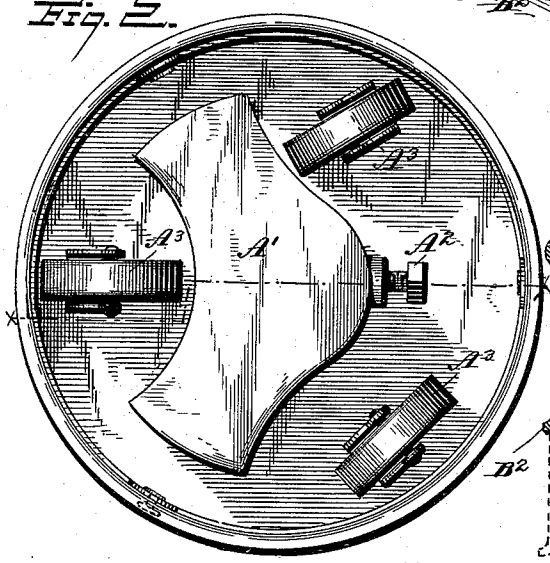
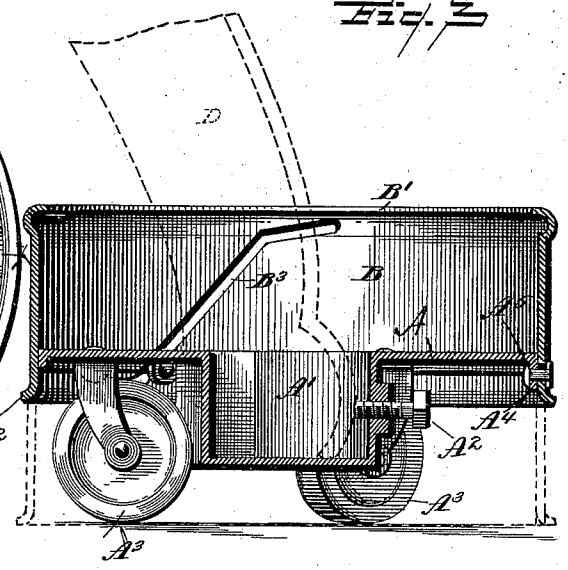


Fig. 3.



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UNITED STATES PATENT OFFICE.

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CASTER FOR STOVES, &c.

SPECIFICATION forming part of Letters Patent No. 385,240, dated June 26, 1888.

Application filed January 10, 1888. Serial No. 260,327. (No model.)

To all whom it may concern:

Be it known that I, ANDREW H. CONN, a citizen of the United States, residing at Blairstown, in the county of Benton, State of Iowa, have invented certain new and useful Improvements in Casters for Stoves and other Articles, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has relation to casters, and is especially designed for use in connection with stoves, though it will be apparent from the following description that the invention may be applied to and used with advantage in connection with numerous other heavy articles in which it is desirable to easily move and yet essential that they have a rigid support when stationary.

Among the objects of the invention are to provide a cheap and easily-manufactured caster adapted for application to and removal from the legs of stoves and other similar articles, which caster can be changed to form a solid base or support therefor.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective of a caster constructed in accordance with my invention, the same being in position to form a rigid base. Fig. 2 is a bottom plan; and Fig. 3 is a substantially central transverse section on the line *x x* of Fig. 1, the parts being in the position they assume when the device is used as a caster.

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

My invention consists, essentially, of two castings, A and B, the former being of circular disk form and the latter in the form of an annular ring or flange adapted to fit upon said disk, which may more properly be called the "base."

The base A is formed with a countersunk recess, A′, in this instance substantially in the shape in cross-section of a stove-leg and approximating the size thereof. This feature, however, may be changed in order to render the invention applicable to other articles than stoves. A set-screw, A^2, is inserted in the wall of the recess A′, which screw is designed to bear against the stove-leg D, (see dotted lines, Fig. 3,) and thus retain the same within the recess.

It will be readily apparent that one size of recess A′ will, with the aid of the set-screw A^2, be adapted for the reception of various sizes of stove-legs. The base A is in this instance supported by a series of three casters, which are journaled in said base and capable of freely turning therein. If desired, however, more than three casters may be employed.

Over the base A is adapted to loosely fit the ring or flange B, the top or upper edge of which is inwardly flanged, as at B′, and the bottom of which is flared, as at B^2. The side of the flange or ring B is provided with slanting slots B^3, which at their upper and lower ends terminate in horizontal slots, running substantially parallel with the upper and lower flanges, respectively, of the ring or flange.

If desired, the lower ends of the slots may be open, in which case lugs may be formed upon the periphery of the base A, designed to take into and ride in said slots. In this instance, however, I provide the base A with depending perforated ears or lugs A^4, through which and the slots B^3 are passed ordinary rivets or bolts, A^5, as shown in Figs. 1 and 3. The width of the ring or flange B is somewhat greater than the height of the base A, so that when the flange is turned so as to cause the lugs or rivets A^5 to take into the upper horizontal portions of the slots the base A and its casters are elevated to such an extent that said casters are raised from contact with the floor. In such a position of the parts the device as a whole is supported by the flange or ring B, which forms a substantial and rigid base. Now by rotating the ring or flange in an opposite direction the same is elevated and withdrawn from contact with the floor, and the stove or other article is supported solely by the base A and its casters A^3, in which position the casters act, and the stove or other article can be rolled along to any desired point, after which the parts can be changed so as to form the rigid base described.

It is apparent that the base A and the ring or flange B can be readily cast and assembled,

and that the device as a whole can be manufactured with very little hand or machine finishing.

Having described my invention and its operation, what I claim is—

1. In a combined caster and base for stoves and other articles, the combination of a base mounted upon casters, with a rotatable ring or flange mounted upon the base and adapted to be thrown below or above the plane of its casters, substantially as and for the purpose specified.

2. In a combined caster and base for stoves and other articles, the combination of a base having casters swiveled therein and outwardly-extending lugs or rivets, with a ring or flange mounted on said base and provided with slanting slots adapted to receive said lugs, substantially as specified.

3. In a combined base and caster for stoves and other articles, the combination of a base having casters swiveled therein and outwardly-extending lugs or rivets, with a ring or flange mounted on said base and provided with slanting slots terminating in parallel slots adapted to receive said lugs and lock said flange above or below the plane of the casters, substantially as specified.

4. In a combined base and caster for stoves and other articles, the combination of a base having a countersunk leg-receiving recess, the wall of which is provided with a set-screw, and having depending peripheral perforated lugs or ears provided with rivets, and having a series of casters, with an annular ring or flange loosely mounted on the base and provided with an inwardly-flanged upper edge and a lower flanged edge, and intermediate diagonal slots terminating in horizontal slots adapted to receive said rivets, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

ANDREW H. CONN.

Witnesses:
S. S. SPICER,
J. H. BARNES.