No. 745,648. PATENTED DEC. 1, 1903.

D. C. McFARLAND.

STOVE SUPPORT.

APPLICATION FILED APR. 14, 1903.

NO MODEL.

Fig. 1.

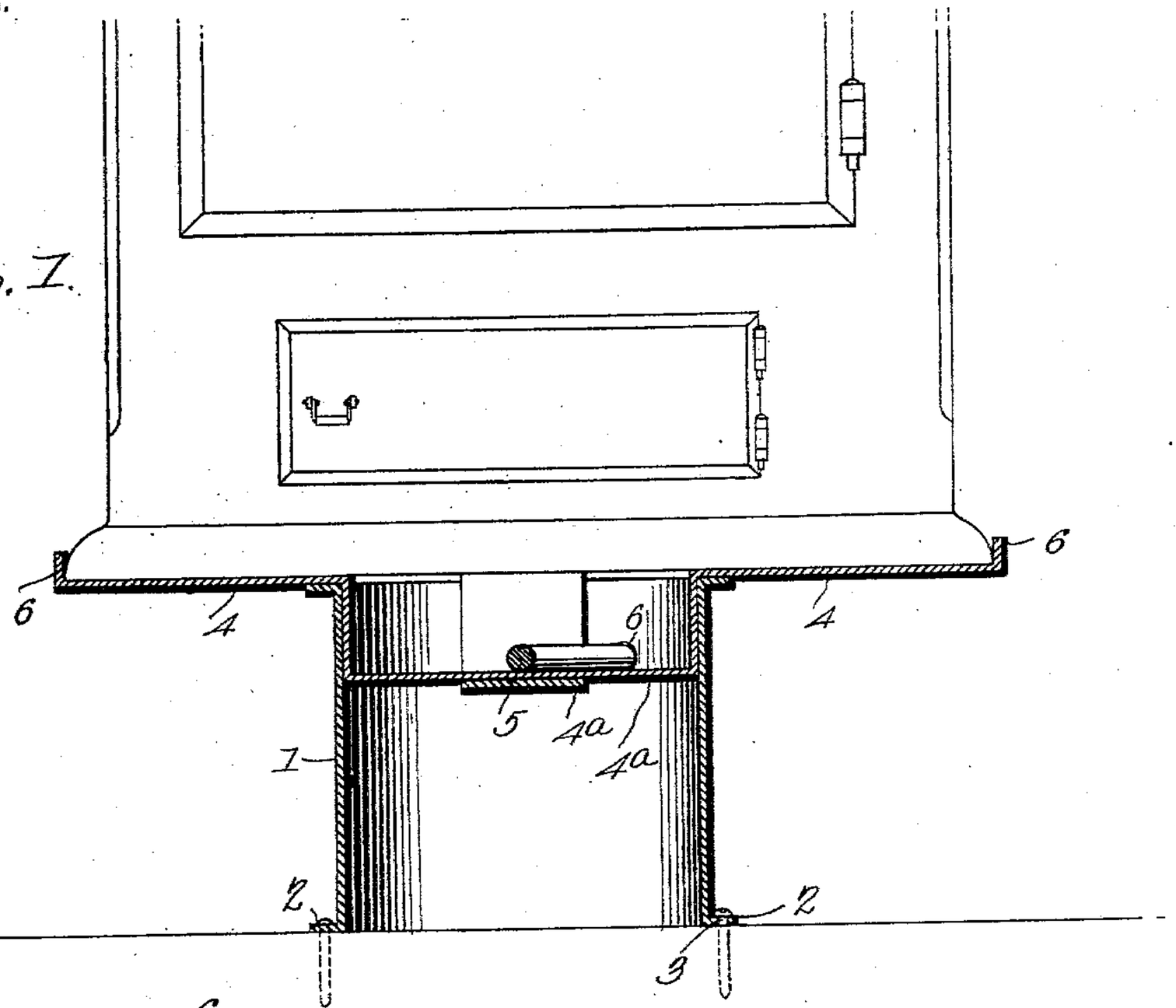

Fig. 2.

Witnesses
E. F. Stewart
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No. 745,648. Patented December 1, 1903.

UNITED STATES PATENT OFFICE.

DAVID C. McFARLAND, OF LEBANON, OREGON.

STOVE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 745,648, dated December 1, 1903.

Application filed April 14, 1903. Serial No. 152,610. (No model.)

To all whom it may concern:

Be it known that I, DAVID C. McFARLAND, a citizen of the United States, residing at Lebanon, in the county of Linn and State of Oregon, have invented a new and useful Stove-Support, of which the following is a specification.

This invention relates to bases for superimposed bodies, and is particularly intended for supporting a stove or range in such a position as to be conveniently accessible.

One of the principal objects in view is to provide a base of regular formation, the absence of irregularities on which will prevent dust, dirt and other foreign substances collecting around the same.

Another object is to provide means whereby the surrounding surface upon which the base rests can conveniently be swept or mopped in a thorough manner without causing dust to collect around the stove-base.

Further objects and advantages of this invention will appear in the following description, and the novel features will be particularly pointed out in the appended claims, it being understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

In the drawings, Figure 1 is a vertical longitudinal sectional view of a stove-base constructed in accordance with my invention, and Fig. 2 is a top plan view of the base.

As illustrated in the drawings, 1 designates a tubular base of regular form having a perforated flange 2 at one end, through which fastening devices 3 may be inserted to securely attach the base to the floor or other foundation upon which it rests. The upper open end of the base constitutes a seat for the radial intersecting arms 4, retained within the seats by transversely-disposed fastening means comprising a rod 5, which passes through the walls of the base and passes above the bowed intermediate body portions 4^a of the arms 4, which carry terminal engaging devices 6 to prevent the stove from becoming detached. In actual practice the base 1 will be in the form of a hollow cylinder, and I prefer to mount the arms 4 so that they will swing laterally to permit of an adjustment of said arms to accommodate the device for stoves of various widths and lengths.

The rod 5 constitutes means for resisting the load on the projecting ends of the arms, which are radially disposed on substantially the same plane as the plane of the top edge of the base, which edge forms a fulcrum for the arms. If the weight of the supported article, such as a stove, on one side exceeded that on the other, the tendency would be to cause the arms to tilt; but by providing the intermediate fastening device 5 so as to terminally engage the base and bear upon the arms at the point of power or on the end opposite to the load any tilting of the arms will be prevented.

It will be observed that the fastening device 5 is the only medium used for retaining the arms in place, and by using a single device the supporting device is capable of being collapsed and set up expeditiously without the necessity of employing any special tools.

Having thus described the invention, what I claim is—

1. The combination with a base having arms projecting therefrom and a fastening device carried by the base and bearing on the arms.

2. A base having an open end, arms seated in the end of the base, and a single device for holding the arms seated within the end of the base.

3. The combination with a base having an open end, of bowed arms seated in the base end and means for fastening the arms to the base.

4. The combination with a hollow base, of bowed arms carried thereby and having terminal engaging means, and a removable fastening device for holding the base and arms together.

5. A tubular stove-base having collapsible arcuately-movable bowed arms.

6. A base, having radial, independently-movable intersecting arms, and a single device carried by the base and bearing upon the arms.

7. A base, radial arms carried by the base, and a device terminally engaging the base and frictionally bearing upon the arms.

8. A base, radial arms on the base, and having means for receiving a body, and a device bearing upon the arms to offer resistance to the weight of the body.

9. A base, intermediately-supported arms carried by the base, and a load-resisting device bearing upon the supported portions of the arms.

10. A base, arms bearing upon the edge of the base and having free stove-engaging terminals, and means carried by the base for offering a resistance to vertical movement of the engaging terminals.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of witnesses.

DAVID C. McFARLAND.

Witnesses:
SAML. M. GARLAND,
MARY A. GOVERN,
ABBIE J. FRY.