

E. P. CUTTING & E. A. LELAND.
Stove-Leg Support.

No. 222,180.

Patented Dec. 2, 1879.

Fig. 1.

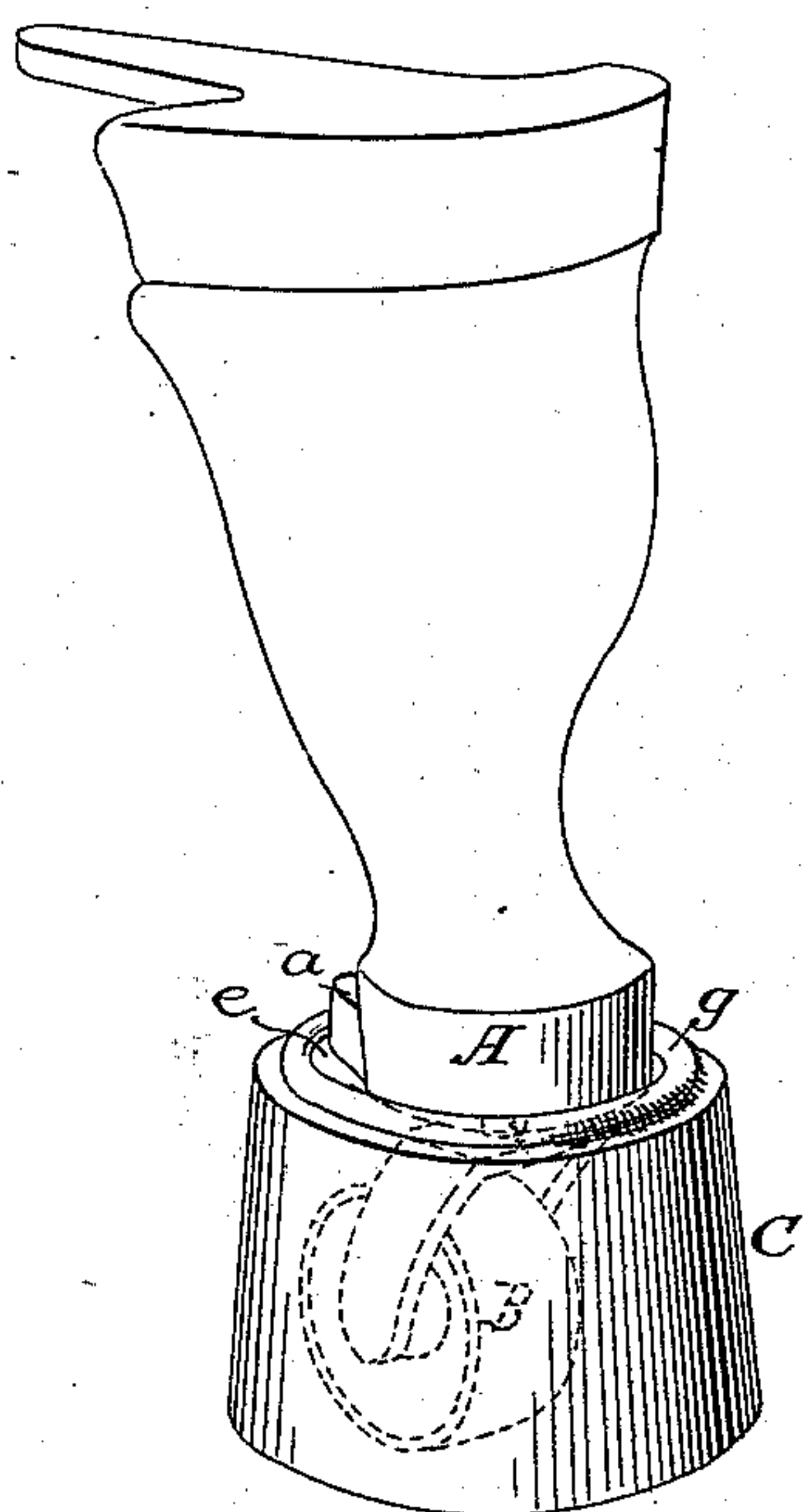


Fig. 2.

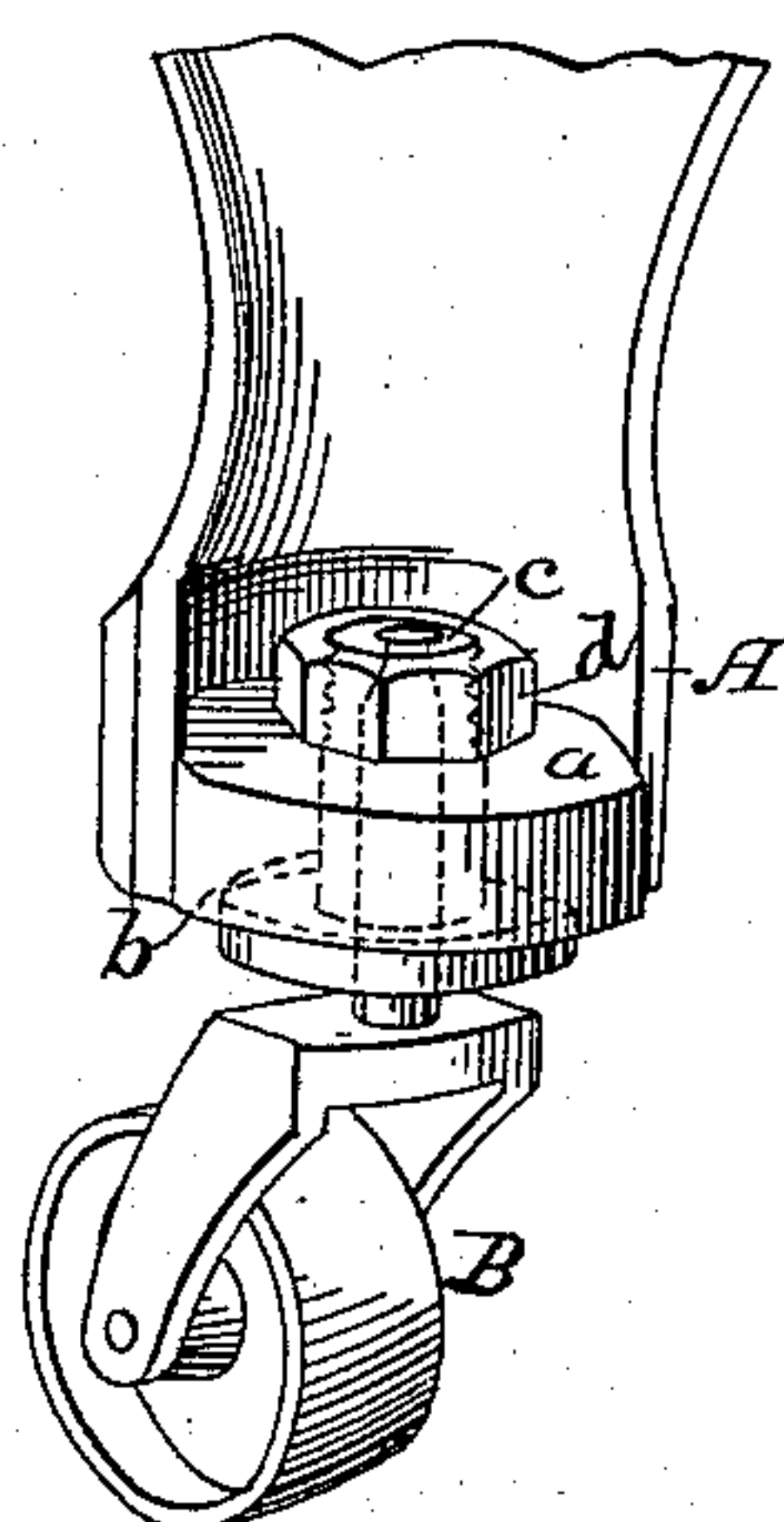
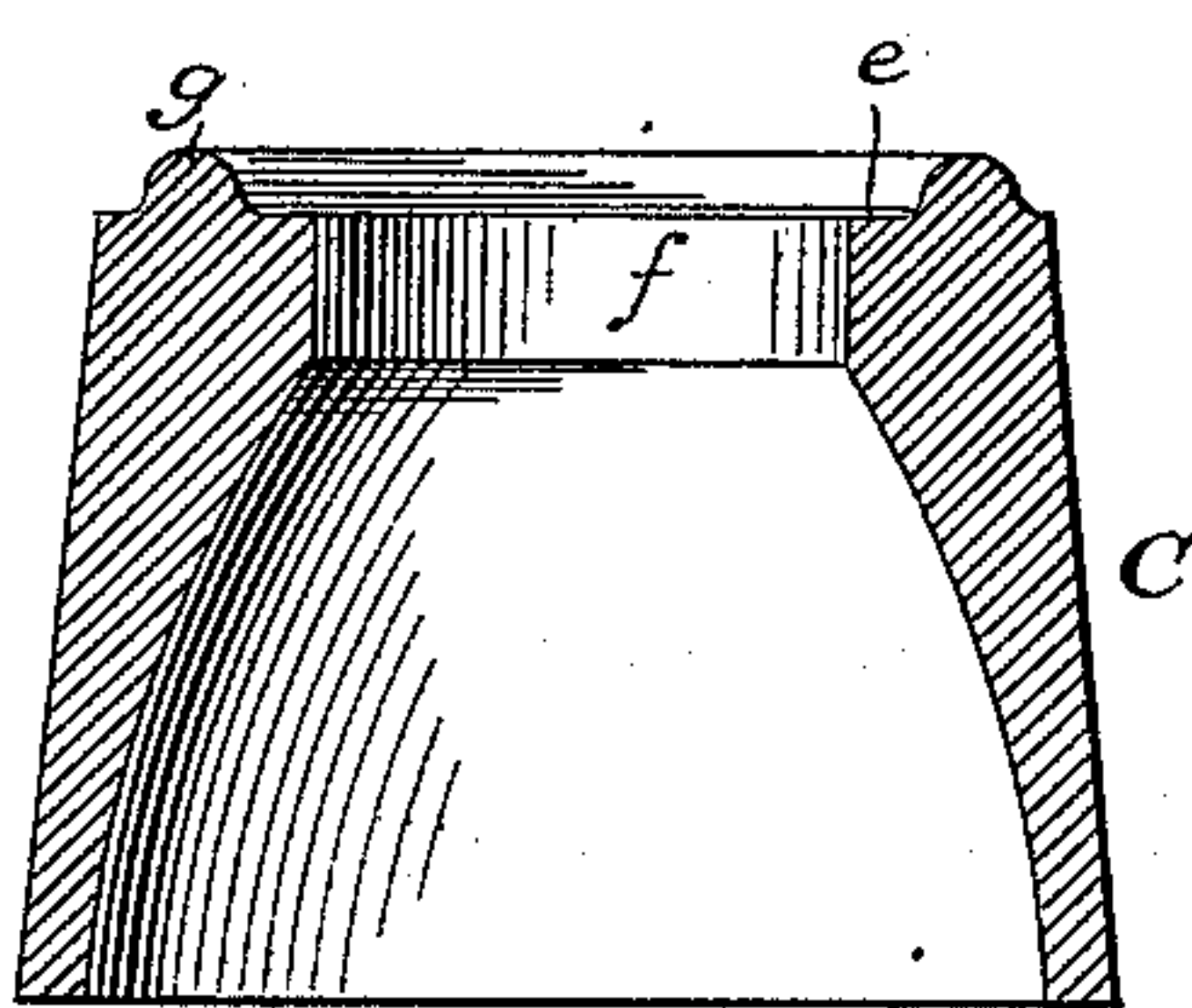


Fig. 3.



Witnesses:
H. A. Toulmin.

Inventor:
Edward P. Cutting
and Edward A. Leland
by *E. F. Wick*
their attorney

UNITED STATES PATENT OFFICE.

EDWARD P. CUTTING AND EDWIN A. LELAND, OF HOLYOKE, MASSACHUSETTS, ASSIGNORS TO SAID EDWARD P. CUTTING.

IMPROVEMENT IN STOVE-LEG SUPPORTS.

Specification forming part of Letters Patent No. 222,180, dated December 2, 1879; application filed September 13, 1879.

To all whom it may concern:

Be it known that we, EDWARD P. CUTTING and EDWIN A. LELAND, both of Holyoke, Hampden county, Massachusetts, have invented a certain new and useful Improvement in Castered Feet and Foot-Rests for Stoves, of which improvement the following is a full, clear, and exact description.

The object of our invention is to provide novel means for moving stoves, ranges, and furnaces in stores and salesrooms during the salesman's exhibition to customers, and also to save labor in delivering the same.

The great weight of a stove renders it a matter of considerable labor to move it out of place for inspection by customers and for other purposes. Sometimes the stove has to be lifted by main strength. We remedy this by providing the feet with casters, so that the stove may be readily rolled from place to place; but in order to permit the stove to stand firmly in place when at rest, we provide, also, removable open rests, upon which the feet of the stove are supported and through which the casters hang without touching the floor, as will be hereinafter described. But as very few stoves are furnished with fixed casters, it becomes an object to provide a proper way of attaching and removing them. This we effect by causing the caster-shank to pierce the bottom plate of the foot and securing it by a nut.

Our invention, however, contemplates the use of an open rest for the foot of a stove-leg with a fixed or with a removable caster.

When the stove is to be rolled the rests are removed by raising the feet from out of them. Thus the labor is rendered insignificant.

The following description will enable those skilled in the art to which it appertains to make and use our invention, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a stove-foot provided with a caster and supported upon the rest, dotted lines showing the caster; Fig. 2, a perspective view of the foot of a stove provided with a caster and showing

the manner of securing the caster to render it removable, the foot-rest being removed; and Fig. 3, a vertical section of the foot-rest.

The foot A of the stove is cast with a sufficient base-plate, *a*, having a perforation, *b*, through which the shank *c* of the caster B is passed and secured by a screw-nut, *d*, upon the upper side of the plate *a*, so that when the stove is sold and disposed of the caster may be removed.

The casters are applied to each foot, and permit the stove to be readily handled for exhibition, &c.; but, if desired, the caster may be a fixture.

In order to permit the stove to stand firmly in place when all occasion for moving it has ceased, we place the feet upon a cylindrical open rest, C, which has a suitable annular platform, *e*, for the foot to rest upon, and an opening, *f*, to receive the caster in such manner that the caster shall be free of the floor.

An annular rim, *g*, at the top of the rest C surrounds the platform to hold the stove-foot on the rest. It is therefore well understood that when it becomes necessary to move the stove the rests are removed by lifting the feet from them.

We do not confine ourselves to the exact construction of rest shown and described; but it is necessary that the rest shall be provided with a rim and platform, support the foot, and allow the caster to hang within it without touching the floor.

The invention is applicable as well to ranges and furnaces and other heavy articles which have feet or legs.

Having thus fully described our said invention and the manner in which the same is or may be carried into effect, what we claim, and desire to secure by Letters Patent, is—

1. A stove-foot provided with a caster, in combination with an open circular rest adapted, as described, to support said foot and receive the caster free from the floor, substantially as described.

2. The open rest or support C, adapted to

receive a stove-foot which is provided with a caster for the purposes set forth.

3. The combination, in the open rest or support C for castered stove-feet, of the annular platform *e* and the annular rim *g*, substantially as described.

4. The stove-foot A, in combination with the following elements, viz: base-plate *a*, perforation *b*, caster B, shank *c*, screw-nut *d*, open rest C, central opening, *f*, annular plat-

form *e*, and ring *g*, arranged substantially as and for the purposes set forth.

In testimony whereof we have hereunto signed our names this 10th day of September, A. D. 1879.

EDWARD P. CUTTING.
EDWIN A. LELAND.

Witnesses:

C. P. LYMAN,
WM. H. BROOKS.