

105748

Frank Whalen.

PATENTED JUL 26 1870

Impt: in legs for stoves.

Fig. 1.

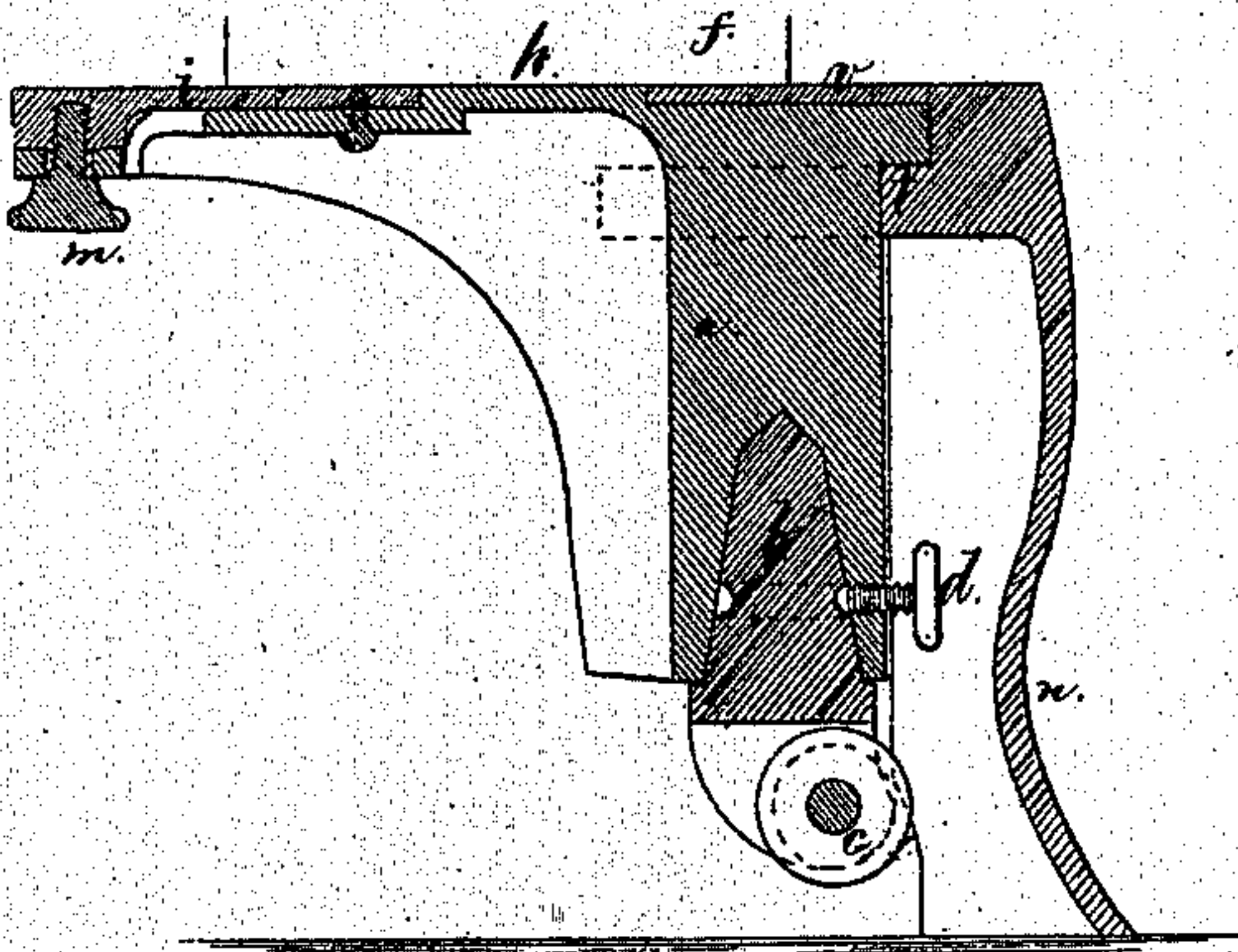


Fig. 2.

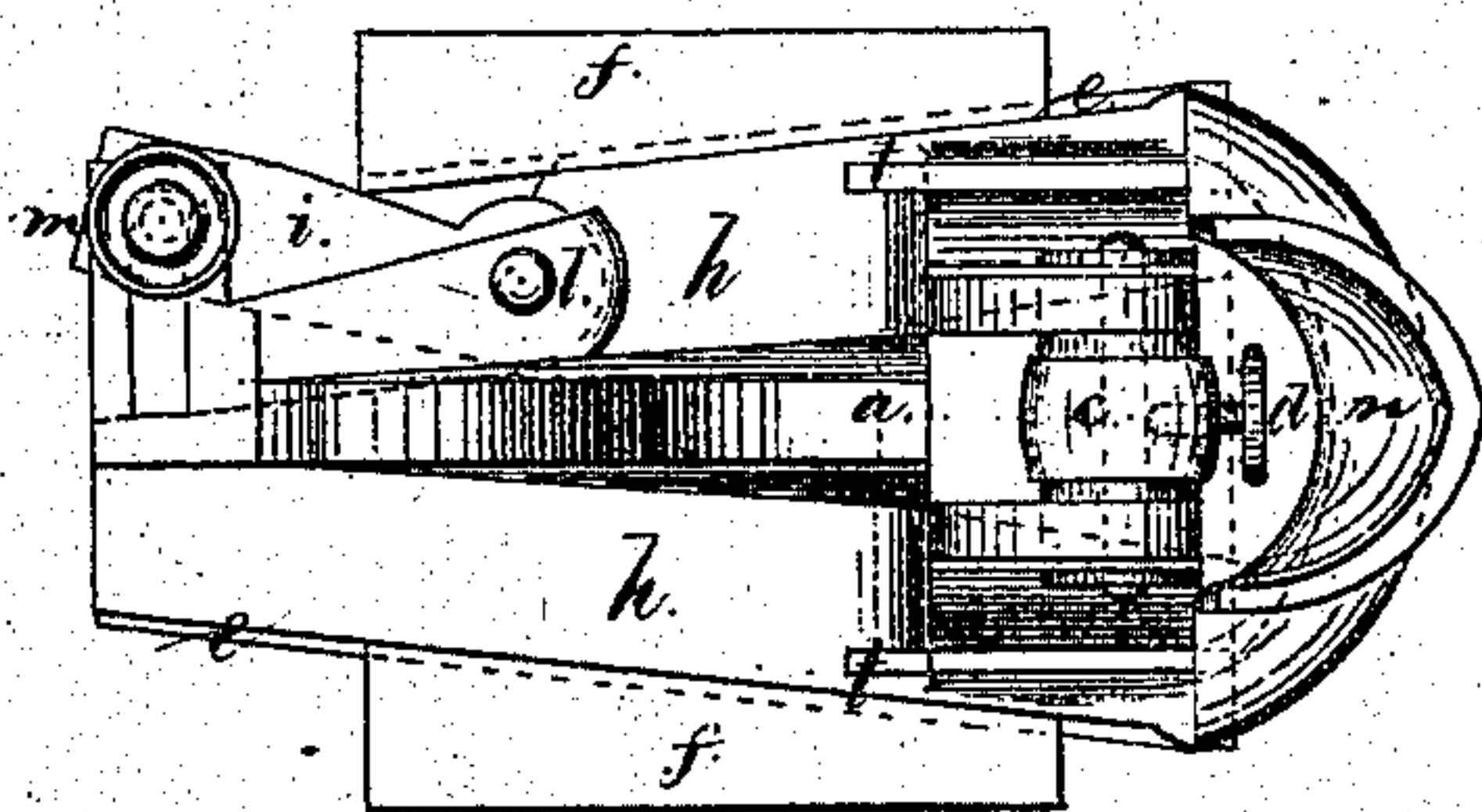


Fig. 3.

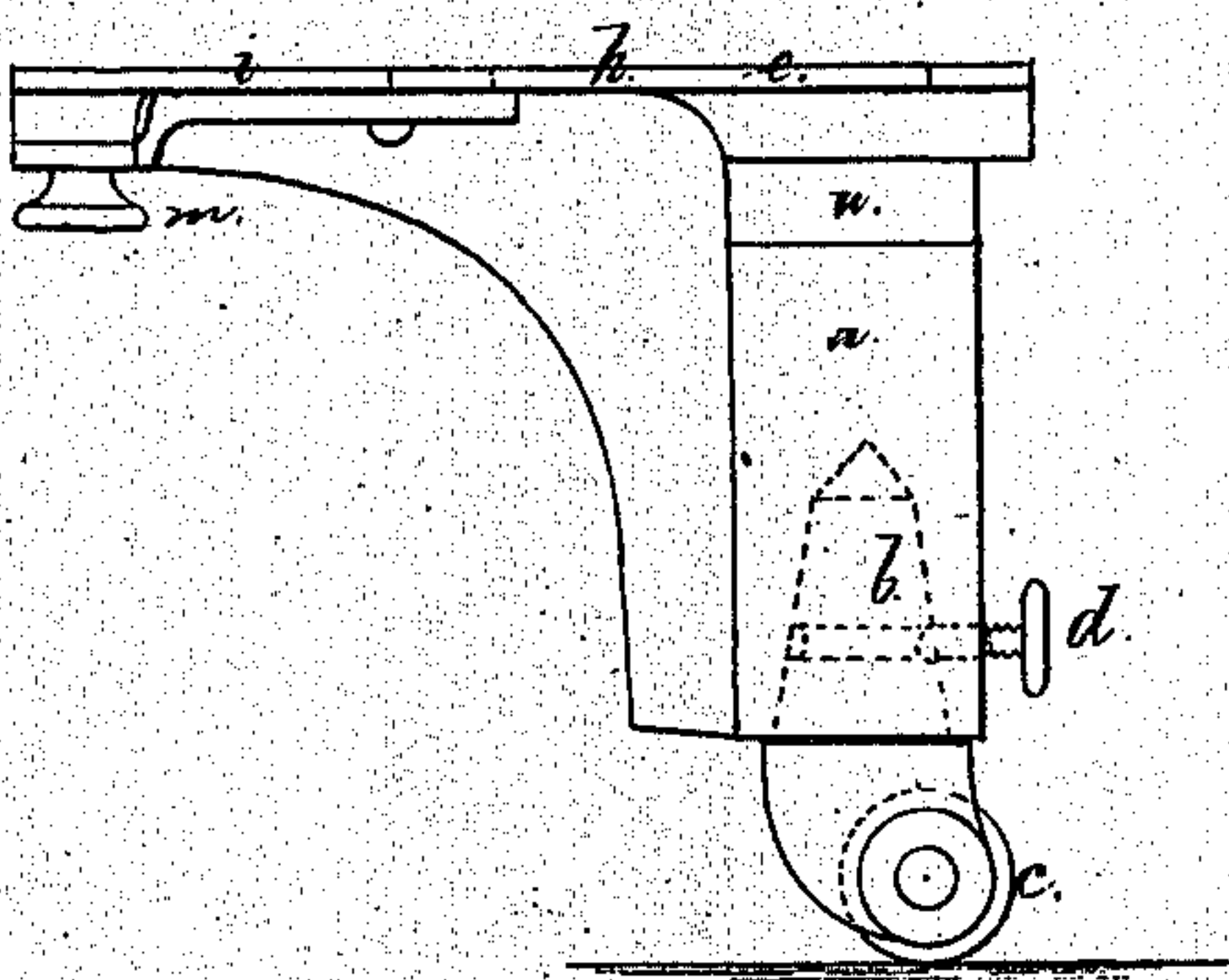
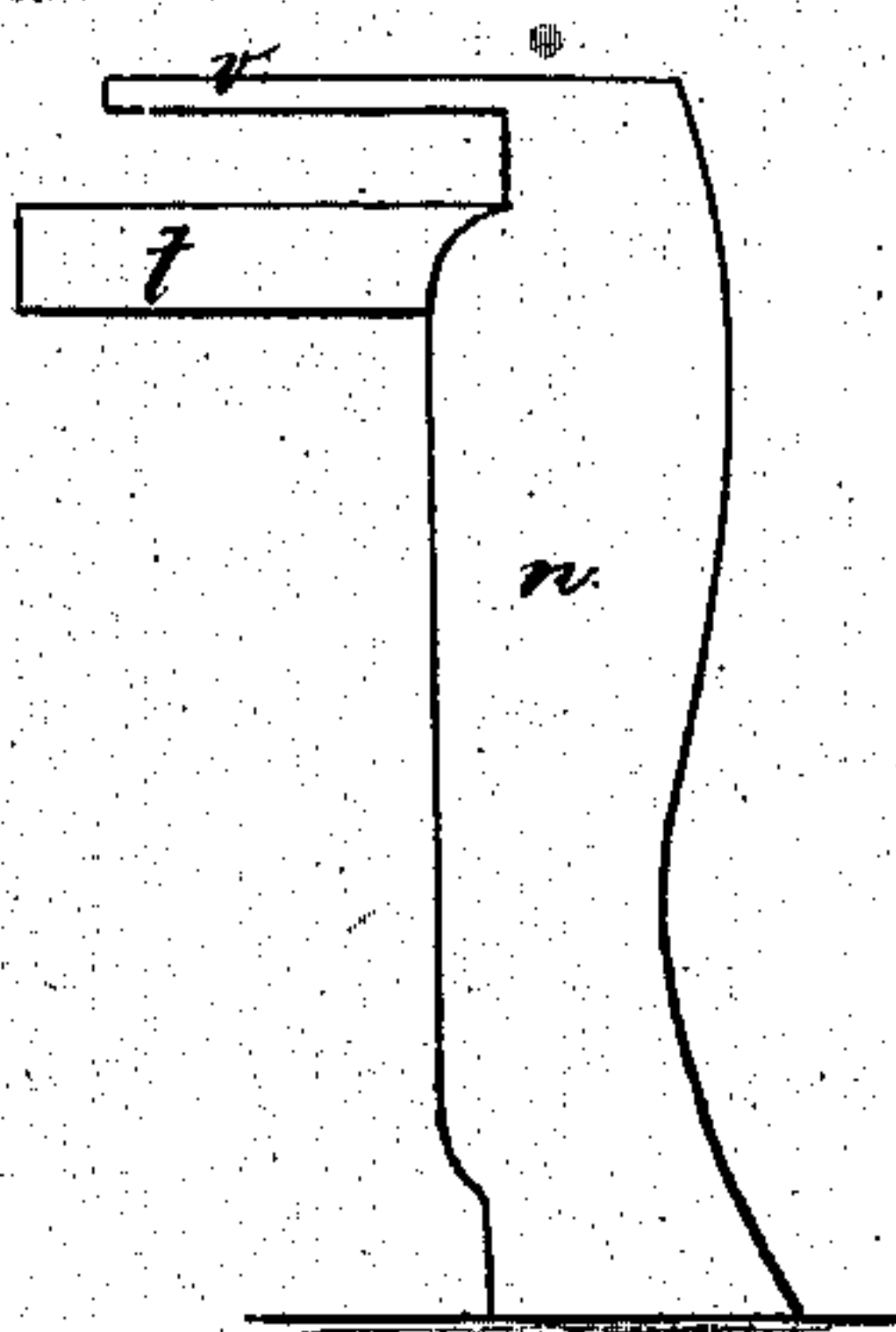


Fig. 4.



Witnesses,

Chas. H. Smith

Geo. A. MacKenzie

Frank Whalen
per Lemuel W. Russell
att'y

United States Patent Office.

FRANK WHALEN, OF BALLSTON SPA, NEW YORK,

Letters Patent No. 105,748, dated July 26, 1870.

STOVE-LEG.

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, FRANK WHALEN, of Ballston Spa, in the county of Saratoga and State of New York, have invented and made a new and useful Improvement in Legs for Stoves, &c.; and the following is hereby declared to be a full and correct description of the same.

This invention relates to combining caster-legs with the main or supporting-legs of a stove, or other article, in such a manner that said main legs can be removed from the stove, and the stove supported by the caster-legs, so that the same can be rolled from place to place, and the necessity of lifting and carrying the stove avoided.

The upper part of the leg is made as a wedge-shaped plate, to enter a correspondingly-shaped recess in the bottom of the stove, and the said plate is locked to place by means of a swinging arm, that is clamped against the side of the recess, and acts as a stop to prevent the plate and leg being accidentally disconnected from the stove.

The main leg is connected to the caster-leg by means of tongues or flanges entering recesses in the sides and top of said leg.

In the drawing—

Figure 1 is a vertical section of my combined caster and stove-leg.

Figure 2 is an inverted plan of the same.

Figure 3 is an elevation of the caster-leg, and

Figure 4 a similar view of the main or supporting-leg.

The caster-leg *a* is formed with a socket at its lower end, to receive the pintle *b* of the caster-wheel *c*, and said pintle is retained in place by means of the screw *d* taking the circular groove formed in said pintle, or otherwise.

The upper part of the leg *a* is formed as a wedge-shaped plate, *h*, and the edges of said plate, at *e*, are beveled to hold the plate *h* in place, by passing between the under-cut lugs or blocks *f*, which are cast upon or form part of the under or lower plate of the stove.

To prevent the plate *h* being accidentally disconnected from the recess-between the lugs *f*, I make use

of the locking-arm *i*, attached, by the center *l*, to the plate *h*. By moving this arm until one edge takes against the side of the recess *f*, and then clamping the same by the thumb-screw *m*, (as seen in fig. 2,) said arm will act as a stop to effectually prevent the plate *h* slipping, or being withdrawn from its recess.

The main or supporting-leg *n* is longer than the caster-leg *a*, so that, when said leg is in place, the caster-wheel *c* will be lifted off the ground, as seen in fig. 1, and I connect said main leg *n* to the caster-leg *a* by means of the tongues or flanges *t t* and *v*, the tongues *t t* passing on the two sides of the leg *a*, where there may be recesses, *u*, and the plate *v* entering a recess in the upper end of the leg *a*.

The main leg *n* being the longest, as aforesaid, the weight of the stove will be transferred from the caster-leg *a* to said leg *n*, when the parts are in a normal position, and, when the leg *n* is withdrawn, the stove is supported by the caster-leg, and can be rolled about.

By employing the locking-arm to retain the leg to place, danger of said leg falling from the stove is prevented. This locking-device might be employed with an ordinary stove-leg, and the caster-leg and main leg may be applied to the ordinary recess made between the dovetailed ribs on a stove.

I claim as my invention—

1. The locking-arm *i* and clamp-screw *m*, applied to and combined with the plate *h* of the leg, to retain the same between the dovetail lugs or recess of the stove, as specified.

2. The movable caster-leg *a*, receiving the caster-wheel *c* and pintle *b*, and being made with a plate, *h*, to pass into the dovetail recess on a stove, as and for the purposes set forth.

3. The removable leg *n*, provided with tongues or plates *t v*, in combination with the caster-leg, substantially as set forth, so that the caster will be relieved when the leg *n* is inserted, as shown.

Dated May 26, A. D. 1870.

FRANK WHALEN.

Witnesses:

SETH WHALEN,
GRAHAM PULVER.