(No Model.)

J. M. BENNETT.

STOVE LEG.

No. 307,622. Patented Nov. 4, 1884.

Fig. 1.

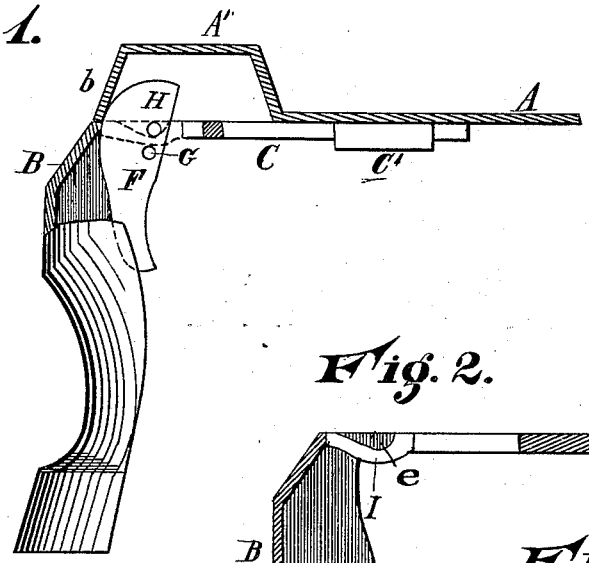


Fig. 2.

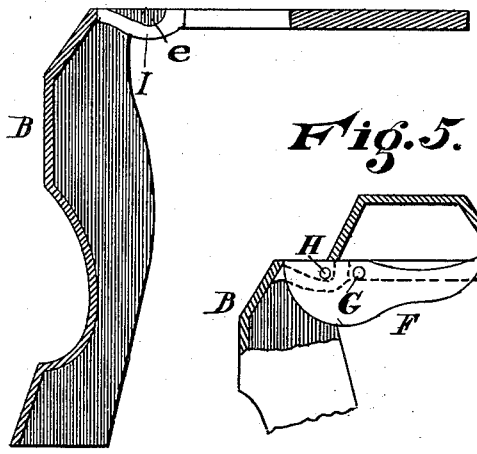


Fig. 5.

Fig. 4.

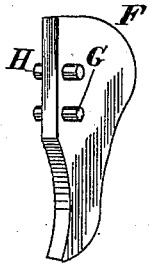
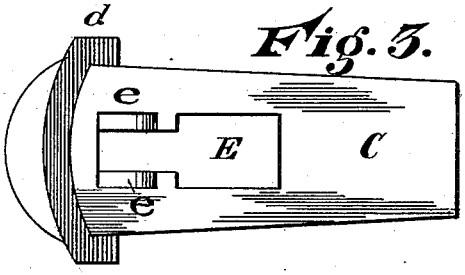


Fig. 3.



Attest

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UNITED STATES PATENT OFFICE.

JOHN M. BENNETT, OF CINCINNATI, OHIO, ASSIGNOR TO SAMUEL C. TATUM, JR., AND SAMUEL C. TATUM & CO., OF SAME PLACE.

STOVE-LEG.

SPECIFICATION forming part of Letters Patent No. 307,622, dated November 4, 1884.

Application filed March 29, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. BENNETT, a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Stove-Legs, of which the following is a specification.

My invention relates to an improved stove-leg and fastening device.

The object of my invention is to provide a fastening device which can be combined with the stove-leg to secure it in position to the bottom plate of a stove.

Another object of my invention is to provide a fastening device which can be cheaply constructed without fitting and readily attached to or detached from the stove-leg. These objects I accomplish by the construction and combination of devices hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a sectional elevation showing my improved stove-leg attached to the bottom plate of a stove. Fig. 2 is a central vertical section on line *x x*, Fig. 3. Fig. 3 is a top plan view of the stove-leg. Fig. 4 is a detail view of the fastening-lug. Fig. 5 is a central vertical sectional elevation showing the stove-leg partially inserted.

A represents the bottom plate of a stove. *b* represents the downwardly-projecting flange on the outer edge.

A′ represents an annular channel or groove formed in the outer periphery of the plate inside of the flange *b*.

C represents a shank for fastening the leg by means of the lugs C′, cast on and with the plate A in the usual manner.

B represents the column of the leg; *d*, the shoulder of the leg, upon which the bottom edge of flange *b* rests.

E represents a slot or mortise cast in the shank C.

e e represent circular recesses, which serve as pivot-bearings.

F represents a cam-lever.

G H represent pivots, which are preferably cast with the lever F. They are of sufficient distance apart to be inserted, so that the upper lug, H, will rest in the recesses *e e*, and the lower lug, G, will be below the flanges I on the under side of the recesses *e e*.

The stove-leg is attached in the following manner: The cam-lever F is inserted in the slot E, so that the pivot H rests in recesses *e e*. Lever F is then turned up, so as to lie horizontally, as shown in Fig. 5, to allow the leg to be inserted in the usual manner, shank or tenon C being passed between lugs C′. When the leg is inserted in position, the lever F is pulled down into a vertical position, as shown in full lines, Fig. 1, when the rounded front edge of the cam portion of the lever will be brought firmly against the inner edge of the flange *b*, in which position the stove-leg B cannot be withdrawn, but is set or keyed in position. When it is desired to remove the leg, the cam-lever F is turned up, as before stated, when the leg can be withdrawn in the usual manner.

By constructing the leg with the slot E and recesses *e e*, as here shown, the parts can be cast without coring, and require no fitting. So, also, the parts F G H can be cast in one piece, requiring little or no fitting, thus making a very cheap as well as efficient stove-leg-fastening device.

I do not desire to confine myself to any particular form of annular groove formed in the bottom plate of a stove, as these may be variously modified, and the upper and outer face of the cam F may also be variously changed in contour and efficiently used with nearly all forms of bottom stove plates now in general use.

Having described my invention, what I claim is—

1. A stove-leg having its tenon or shank provided with a slot or mortise, E, and pivotal recesses *e e*, in combination with a cam-lever, F, having its bearing in said recesses, substantially as described.

2. The combination, with the stove-leg B C, having a slot or mortise, E, and recesses *e e*, of a cam-lever, F, having the attached pins G and H, substantially as described.

3. The combination, with the stove-plate A, having the pendent flange *b* and annular recess A′, of the stove-leg B, having the shank C, and the lever F, pivoted on the shank, and having a cam-face to bind against the pendent flange of the stove-plate, substantially as described.

In testimony whereof I have hereunto set my hand.

JOHN M. BENNETT.

Witnesses:

EDWARD BOYD,

M. E. MILLIKOM.