

T. H. ROBERTS.
Stove-Leg Fastening.

No. 196,705.

Patented Oct. 30, 1877.

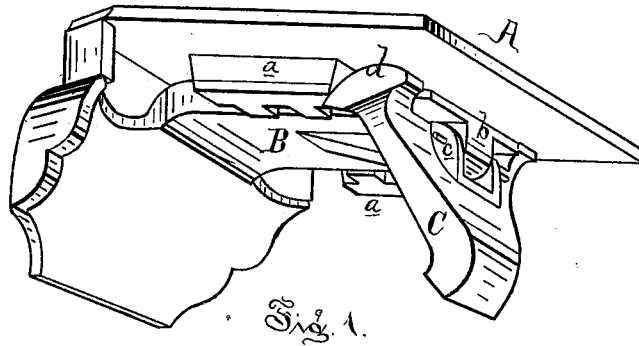


Fig. 1.

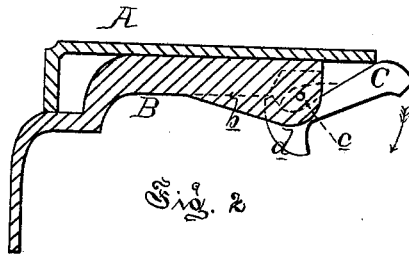


Fig. 2.

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THEODORE H. ROBERTS, OF DETROIT, MICHIGAN, ASSIGNOR TO THE
MICHIGAN STOVE COMPANY, OF SAME PLACE.

IMPROVEMENT IN STOVE-LEG FASTENINGS.

Specification forming part of Letters Patent No. **196,705**, dated October 30, 1877; application filed
March 15, 1877.

To all whom it may concern:

Be it known that I, THEODORE H. ROBERTS, of Detroit, in the county of Wayne and State of Michigan, have invented an Improvement in Stove-Leg Fastenings, of which the following is a specification:

The object I have in view is to combine with a stove-leg a device that will automatically lock the shank-plate to the dovetail lugs under the base-plate when inserted in the same; and it consists in a weighted dog pivoted to a lug cast on the under side of the shank-plate of a stove-leg, as more fully hereinafter set forth.

Figure 1 is a perspective view, showing a leg locked to one corner of the base-plate of a stove. Fig. 2 is a longitudinal section through the shank-plate and locking device at *x x*.

In the drawing, A represents a portion of the base-plate of a stove, cast with pendent dovetail lugs *a a*, for the insertion of the shank-plate B of the stove-leg. The latter has cast on its under side a lug, *b*, at the inner end, to which is pivoted, by a wire rod, *c*, a lever-dog,

C, which is forked to embrace said lug. The extended inner end of the dog is weighted, so as to drop and throw up the shorter arm, which is laterally extended, terminating at each corner in a rounded stop, *d*, in the path of the lugs *a*. When the shank-plate is inserted the points or stops *d d*, coming against the outer ends of the lugs *a a*, are depressed and pass under them, while the shank-plate is being inserted, until they are behind them, when the heavy end of the dog drops and throws up the stops *d d* behind the lugs *a a*, which thus locks the leg to the stove. To withdraw the leg, the heavy end of the dog must be elevated and sustained while withdrawing the shank-plate.

What I claim as my invention is—

The lever-dog C, pivoted to a lug under the shank-plate B of a stove-leg, substantially as and for the purpose set forth.

THEODORE H. ROBERTS.

Witnesses:

W. H. SEXTON,
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