(No Model.)

L. A. WHITE.

STOVE CASTER.

No. 343,511. Patented June 8, 1886.

Fig. 2.

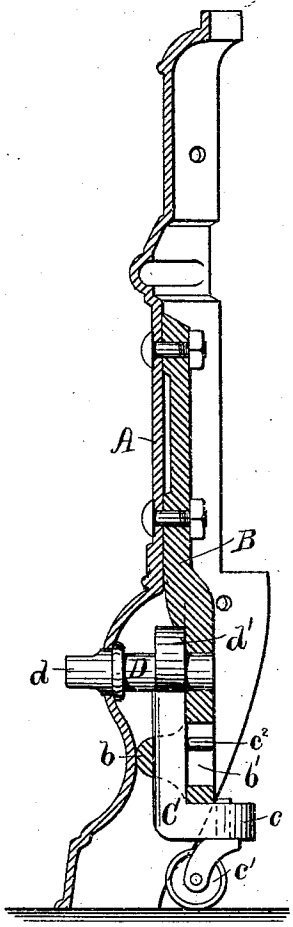


Fig. 4.

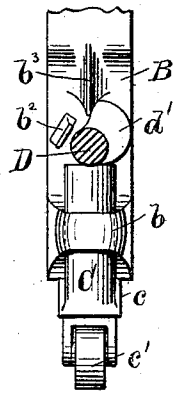


Fig. 3.

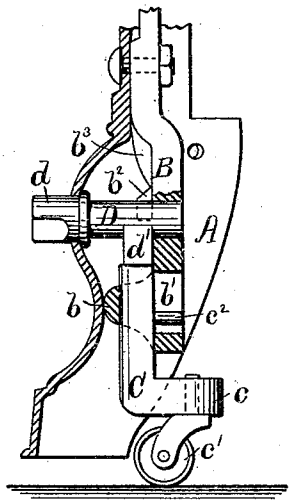


Fig. 1.

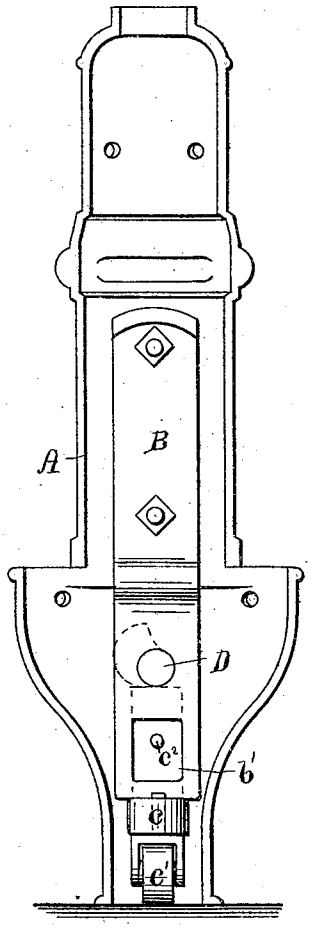
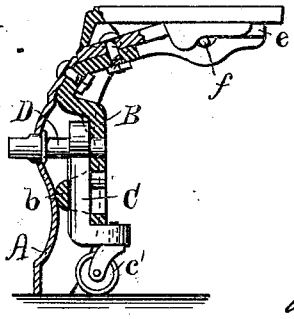


Fig. 5.



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UNITED STATES PATENT OFFICE.

LEONARD A. WHITE, OF TAUNTON, MASSACHUSETTS.

STOVE-CASTER.

SPECIFICATION forming part of Letters Patent No. 343,511, dated June 8, 1886.

Application filed June 30, 1885. Serial No. 170,308. (No model.)

To all whom it may concern:

Be it known that I, LEONARD A. WHITE, of Taunton, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Stove-Casters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

All arrangements of casters for stoves, ranges, &c., wherein the casters are designed to support the stove at all times are defective, because casters are only needed when the stove is to be moved, and are not only needless, but even objectionable, as supports while the stove is in use.

While in use, a stove supported upon casters is liable to move upon the floor, and thus disjoint the smoke-pipe, so as to allow of the escape of smoke, gas, and flames. If the casters be mounted upon the ordinary detachable legs, which are connected by dovetails to the stove-body, such legs are liable to work loose and become detached by shaking the grate or moving the stove, thus endangering the stove and rendering the occurrence of fire liable.

The object of my invention is to produce a caster which shall be permanently attached to a stove-leg, but which may be readily moved thereon, so as either support the stove or allow the same to rest directly upon its legs.

To the above purposes my invention consists in a caster mounted upon a sliding standard attached to the stove-leg; and my invention consists, also, in means for moving the standard, as hereinafter described and claimed.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a rear elevation of a stove-leg with my improvement applied. Fig. 2 is a vertical section of the same. Fig. 3 is a similar view of part of the same, the parts being in extended position. Fig. 4 is a front elevation of the operative parts detached from the leg, the support being broken away. Fig. 5 is a view of my improvement applied to a locking detachable leg.

In the said drawings, Figs. 1, 2, and 3, A designates a stove-leg, which is designed to be bolted or otherwise secured rigidly to a stove-body, and B designates a support, which is bolted or otherwise secured rigidly to the rear side of the leg.

C designates a standard, which carries at its lower end or foot, *c*, a caster, *c'*. This standard passes through an eye in a lug, *b*, upon the support, and is provided with a stud, c^2, working in a check-slit, *b'*, in the support.

D designates a stem, which extends through the front of the leg and into the support B. This stem is formed with an angular head, *d*, extending outward in front of the leg, and also with a cam, *d'*, which engages with the upper end of standard C.

b^2 b^3 designate stops formed on support B, and serving to limit the throw of cam *d'*. Thus it will be seen that when stem D is turned so as to bring cam *d'* into its lowermost position the stove will be raised, and will rest on its casters, while if the stem is turned so as to bring the cam into its uppermost position the stove is lowered and rests on its legs. The stem is turned by any suitable implement applied to head *d*.

In Fig. 5 the improvement is the same, excepting that the support B at its upper part is bent at right angles, so as to lie under the extension *e* of the leg E, said extension being locked by a pin, *f*, in the dovetail socket of the stove-frame. However, this peculiar joint here shown forms no part of this device, as it is embodied in another application now being applied for by me.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with a stove-leg, of a support provided with a slotted lug and with a check-slit disposed transversely to said lug, said support rigidly secured to said leg, and of a sliding standard having a stud working in said check-slit, and having a perforated foot to receive a caster-shank, for the purpose described.

2. The combination, with a stove-leg having a support provided with a slotted lug, and a check-slit disposed transversely to said lug, the support rigidly secured to said leg, a sliding standard having a stud working in said check-slit and having a perforated foot to re-

ceive the caster-shank, of a stem extending transversely through said leg into said support and carrying a cam to lower and raise said standard, for the purpose described.

3. The combination of a stove-leg, a support, B, secured to said leg and provided with lug *b*, check-slit *b'*, and stops b^2 b^3, a standard, C, carrying a caster, and having stud c^2, and a stem, D, having a head, *d*, and cam *d'*, substantially as and for the purposes described.

LEONARD A. WHITE.

Witnesses:
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