(No Model.)

J. B. MORSE.

ATTACHMENT FOR STOVE LEGS.

No. 449,819. Patented Apr. 7, 1891.

Fig. 1.

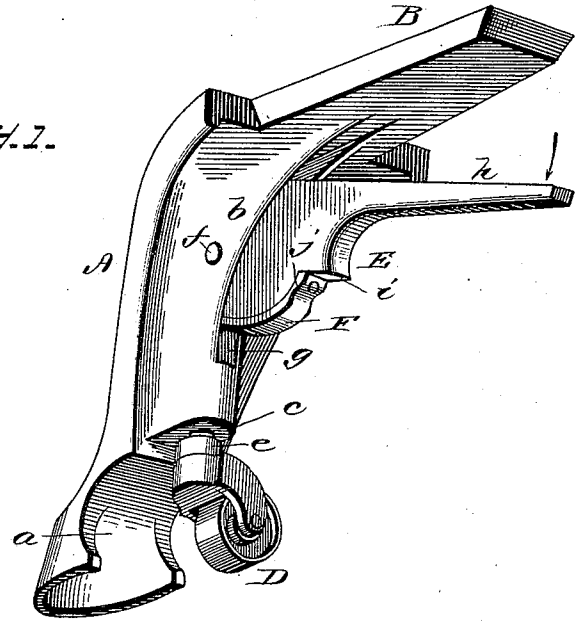


Fig. 2.

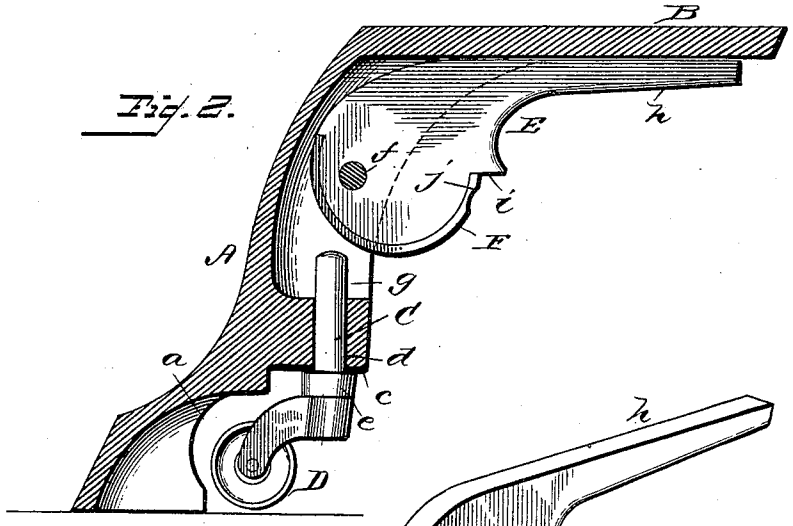
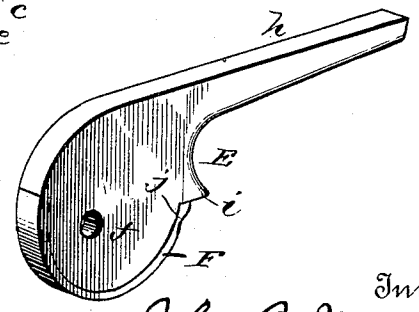


Fig. 3.



Witnesses

Inventor

John B. Morse

By his Attorney

Franklin H. Hough

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN B. MORSE, OF LOWVILLE, NEW YORK.

ATTACHMENT FOR STOVE-LEGS.

SPECIFICATION forming part of Letters Patent No. 449,819, dated April 7, 1891.

Application filed March 31, 1890. Serial No. 346,055. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. MORSE, a citizen of the United States, residing at Lowville, in the county of Lewis and State of New York, have invented certain new and useful Improvements in Attachments for Stove-Legs; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in stove-legs of that class having provision for raising or lowering a roller or caster, so that the stove may be caused to rest upon rollers or casters, so that it may be readily moved from place to place when desired.

The invention has for its object to provide an improved leg which shall be strong and durable, wherein the parts employed for raising and lowering the roller or caster shall be simple and not liable to get out of order. I provide the leg with a strengthening-rib within a recess in which the cam works, the said cam being provided with a shoulder serving as a stop, and with a wearing-plate upon its acting portion with a depression which shall be coincident with the upper end of the spindle of the roller when the roller is in its lowest position, preventing the accidental throwing up of the cam-lever and the roller.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claim.

The invention resides in the peculiar combinations, and the construction, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view of a stove-leg provided with my improvements. Fig. 2 is a vertical section through the same. Fig. 3 is a perspective view of the cam-lever removed, showing its wearing-plate and its depression.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates a stove-leg, which may be of any desired shape and provided with a horizontal portion B, adapted to engage lugs or other suitable devices upon the stove to secure the same in place in the usual manner. The lower portion of this leg is provided with a recess *a*, within which the roller is designed to work. This leg is formed with an integral interior rib *b*, which extends from a point slightly above the upper portion of the aforesaid recess to and joins with the horizontal portion, as shown in Figs. 1 and 2. This adds strength to the leg and provides a means for securing the cam-lever and a guide for the pintle of the roller or caster. The lower end of this rib terminates in a square shoulder *c*, and upward from this shoulder extends a hole *d*, in which the spindle or pintle C of the roller or caster D works, the said pintle or spindle being such a snug fit within the hole *d* as to be retained therein against its own weight or gravity, yet readily moved therein under the influence of the cam-lever when the latter is actuated to force the same downward.

The roller or caster D may be of any of the known forms of construction and carried on the pintle or spindle in any suitable manner. It may or may not be provided with a washer *e*.

E is the cam-lever, pivoted on a horizontal pivot *f* within a vertical slot or recess *g* in the rib *b*, as shown, with its cam-face downward and provided with a handle *h*, by which it may be operated when desired. The upper face of this handle is straight, and when the lever is thrown up and the roller or caster is raised the flat face of the handle of the lever lies parallel with and in close contact with the under side of the horizontal portion of the leg. The cam-face of the lever is provided with a wearing-plate or metallic strip F, secured to the face of the cam in any suitable manner, the upper end bearing against a shoulder *i*, formed at the upper end of the cam and which shoulder serves as a stop, coming in contact with the rib when the lever is thrown

down. This wearing-plate or strip is formed in proximity to this shoulder with a depression *j*, which, when the lever is thrown down, will be directly over the upper end of the pintle or spindle of the roller or caster, and into which depression the said upper end will ride as the lever is thrown down and hold the same from accidental displacement. This wearing-plate or strip may sometimes be omitted, in which case the cam-face of the lever itself will be provided with the depression; but the construction shown is preferred. A spring might sometimes be provided to automatically throw the lever back after the roller or caster has been thrown down.

The operation is simple and will be readily understood, and a description thereof is not deemed necessary.

What I claim as new is—

A stove-leg formed with a vertical rib having a vertical recess, combined with a caster having its pintle working in a hole in the lower end of the rib and extended into the recess, and a cam-lever pivoted on a horizontal pivot within the recess and formed with a shoulder *i* and flat upper face, and the wearing-plate F on the acting face of the cam with one end abutting against the shoulder *i* and formed in proximity to said shoulder with a depression *j*, substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN B. MORSE.

Witnesses:
J. P. BOWMAN,
W. T. BUSH.