No. 740,267. PATENTED SEPT. 29, 1903.

F. GAMBLE.

CASTER.

APPLICATION FILED JULY 20, 1903.

NO MODEL.

Fig. 1.

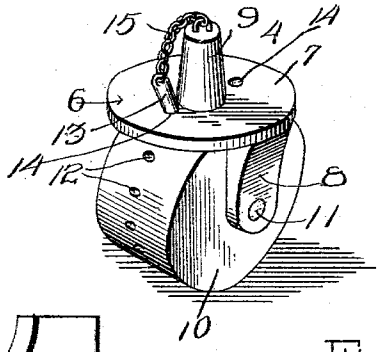


Fig. 2.

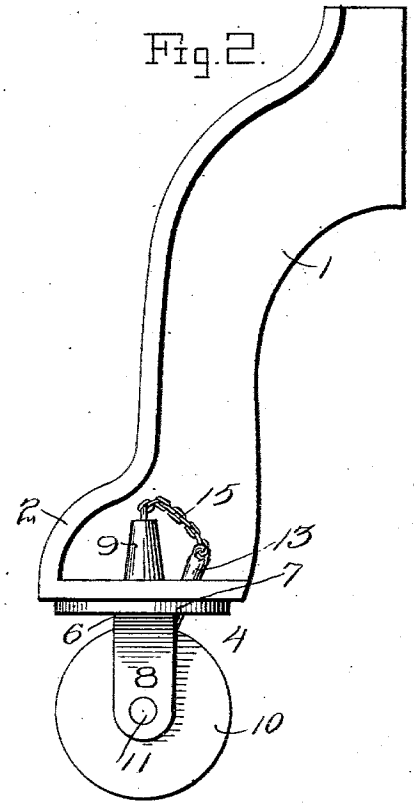
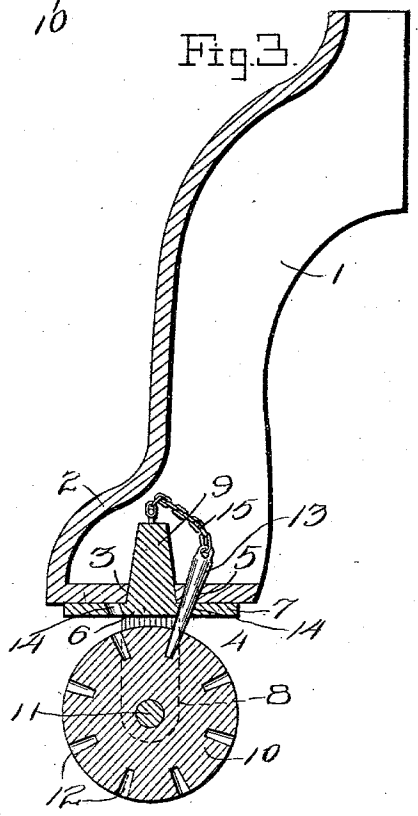


Fig. 3.



Witnesses

E. H. Reichenbach

Inventor

Fannie Gamble.

By A. Bowerson.

Attorney

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

No. 740,267. Patented September 29, 1903.

UNITED STATES PATENT OFFICE.

FANNIE GAMBLE, OF BARRY, ILLINOIS.

CASTER.

SPECIFICATION forming part of Letters Patent No. 740,267, dated September 29, 1903.

Application filed July 20, 1903. Serial No. 166,337. (No model.)

To all whom it may concern:

Be it known that I, FANNIE GAMBLE, a citizen of the United States, residing at Barry, in the county of Pike and State of Illinois, have invented certain new and useful Improvements in Casters; 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.

My invention relates to certain new and useful improvements in casters, and more particularly to casters for stove-legs.

The object of my invention is to provide a device of this character which is simple in construction, durable in use, and comparatively inexpensive of production and which may be readily locked to prevent casual displacement of the stove or other object upon which it is used.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be more fully described, and particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of my improved caster. Fig. 2 is a side elevation of the same, showing it applied to the leg of a stove. Fig. 3 is a vertical sectional view through the caster and leg of the stove.

Referring to the drawings by numerals, 1 denotes the leg of a stove, the foot 2 of which is provided with a vertical bore or aperture 3, adapted to receive the stem of my improved caster 4, and with an aperture 5, provided for a purpose hereinafter explained.

The caster 4 comprises a bracket or frame 6, which is preferably a casting having a horizontal portion 7, adapted to engage the flat under side of the foot 2, depending apertured lugs or ears 8, and a vertically-projecting stem 9, which is adapted to enter the aperture 3 in said foot. A roller or wheel 10 is journaled between said lugs 8 upon a spindle 11, which passes through the apertures in said lugs. Said roller has its periphery provided with a series of holes or recesses 12, into one of which a locking-pin 13 is adapted to be entered when it is desired to lock the roller against rotation. Said locking-pin is passed vertically down through the opening 5 in the bottom of the leg 2 and through one of the alining apertures 14, formed in the horizontal portion 7 of the caster-frame 6. The pin is adapted to be secured to the frame 6 by a short chain 15, one end of which is attached to the head of the pin and its other end to the stem 9.

The operation of my improved caster will be readily understood. When it is desired to move the stove or other object upon which the casters are used, the pins 13 are removed to permit the roller 10 to revolve freely upon its spindle and to permit the caster-frame 6 to swing upon its stem 9, as will be readily understood. When it is desired to lock the casters, and thus prevent casual movement or displacement of the stove or other object, the pins 13 are inserted through the apertures 5, one of the registering apertures 14, and then one of the recesses or holes 12 in the rollers 10. It will be seen that this pin locks both the roller and the caster-frame.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination with a leg of a stove or other object, having vertical apertures, of a caster provided with a stem journaled in one aperture, and a roller having recesses, and a locking-pin adapted to be inserted in the other aperture of said leg and one of the recesses in said roller, substantially as described.

2. The combination with a leg of a stove or other object, having an aperture, of a caster comprising a frame rotatably connected to said leg and having an aperture adapted to aline with the aperture in said leg, a roller

journaled in said frame and provided with a series of recesses, and a locking-pin adapted to be inserted in the said alining apertures in the leg and frame and in one of said recesses in the roller, substantially as described.

3. The combination with the leg of a stove or other object, having vertical apertures, of a caster comprising a frame having a horizontal portion provided with apertures adapted to aline with one of the apertures in the leg, a stem journaled in the other aperture in the leg, a roller having recesses, and a locking-pin adapted to be inserted into the registering aperture in the said horizontal portion and the recess in the roller, substantially as described.

4. A caster comprising a frame having an apertured portion, a stem and depending lugs, a roller journaled between said lugs and provided with recesses, a locking-pin adapted to be inserted in the aperture of said frame and one of the recesses of said roller, and a flexible connection between the pin and stem, substantially as described.

5. The combination with the leg of a stove or other object having vertical apertures, of a caster comprising a frame having a horizontal portion provided with apertures adapted to aline with one of the apertures in the leg, a stem journaled in the other aperture in the leg, a roller having recesses, a locking-pin adapted to be inserted into the registering aperture in the said horizontal portion and the recess in the roller, and a flexible connection between the stem and pin, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

FANNIE GAMBLE.

Witnesses:
E. L. PEMUR,
J. K. CRAWFORD.