

A. MEY.
STOVE-LEG CASTER.

No. 189,897.

Patented April 24, 1877.

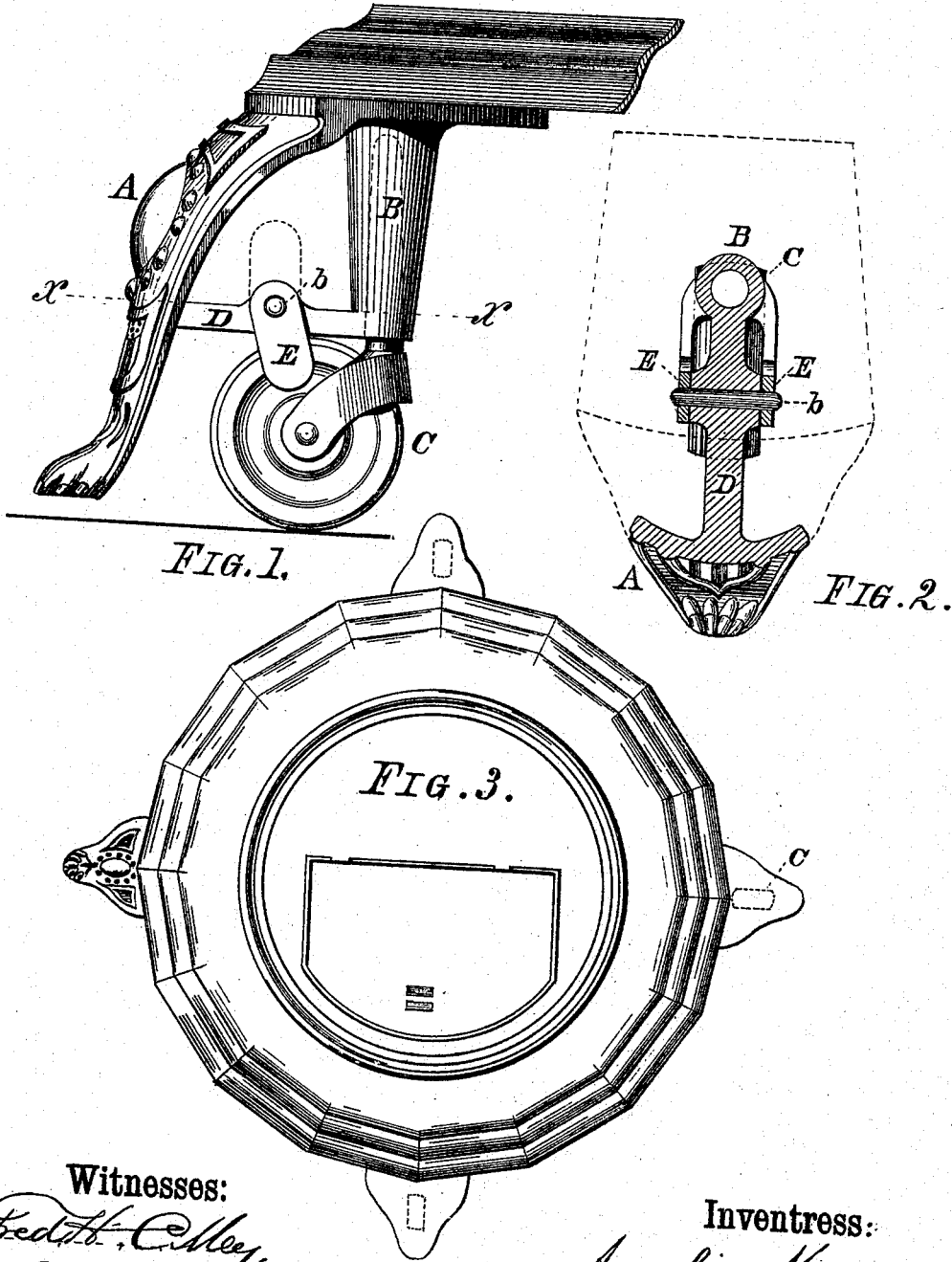


FIG. 1.

FIG. 2.

FIG. 3.

Witnesses:
Edw. H. C. May,
Frank W. Busch.

Inventress:
Amalie Mey,
by Michael G. Stark
her Attorney.

UNITED STATES PATENT OFFICE

AMALIE MEY, OF BUFFALO, NEW YORK.

IMPROVEMENT IN STOVE-LEG CASTERS.

Specification forming part of Letters Patent No. **189,897**, dated April 24, 1877; application filed February 12, 1877.

To all whom it may concern :

Be it known that I, AMALIE MEY, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements on a Stove-Leg Caster; and I do hereby declare that the following description of my said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will enable others skilled in the art to which it appertains to make and use the same.

My present invention relates to stove and other similar legs; and it consists in providing such a support with a caster having a locking device so arranged that said caster can instantaneously be brought in action, or prevented from operating as a means of locomotion, substantially as hereinafter fully described.

The object of my said invention is to render kitchen and parlor stoves, ranges, &c., movable, so that in case they should have to be moved about the house, it can be easily done by those who naturally prevail over and have charge of the same—that is, by the ladies—and who, in most every instance, are entirely incapable to perform such a task on our present stoves without male assistance. To this end I provide the stove, &c., legs with casters, whereby said stoves, &c., are easily transported from one place to another, and attach to said legs a clamping device, whereby the wheels can be locked in position when the stove, &c., is properly posed, and the same thereby prevented from moving.

In the drawings heretofore mentioned, Figure 1 is a side elevation of my improved caster, illustrating its application to a stove. Fig. 2 is a sectional plan of the same in line *xx* of Fig. 1. Fig. 3 is a plan of a stove-base, indicating the position of the casters when locked.

Like parts are designated by similar letters of reference in all the figures.

A is the usual stove-leg as found on all parlor and kitchen stoves, ranges, &c. It is provided on its lower side with a socket, B, into which is inserted any one of the various kinds of casters C, as now bought in the market. The socket B is connected with the body of the leg, on or near its lower edge, by means of a bridge,

D, to which is pivoted a double catch, E, consisting of two lugs secured to or made in one piece with a pivot, *b*, having its bearing in said bridge D. These catches can be turned so as to grasp the wheel C sidewise between them, as shown in the figures, and thereby prevent them from turning around the caster-pivot, while their revolution around their own axis is not interfered with.

In the usual position on a stove, &c., the legs are placed diagonally, or, as it were, radiating from a common center. When placed in such position, the wheels will point in the four principal compass directions, and, if locked so as to prevent their turning around the caster-pivot, will prevent each other from revolving, so that the furniture will be locked in position notwithstanding the fact that the wheels are free on their own pivots; but as soon as they are released from their catches E, they can swing around said caster-pivots to arrange themselves all in one direction, so as to allow the furniture to be readily and easily moved from place to place.

It will be readily observed, that on furniture where the legs are not arranged diagonally, the bridge D in the same can be so located as to bring the wheels, when locked, in or nearly in that position, and thereby produce the desired result. So may the locking device of my casters be adapted to any and all kinds of furniture, &c., by providing the usual socket B with a projection to serve as a bearing for the catch-pivot *b*.

This arrangement of my caster overcomes one of the greatest obstacles which house-keepers generally meet, and that is the immovability of their stoves, ranges, and other furniture, and their obstinate determination to move about when not so desired.

Having thus fully described my invention, I desire to secure to me by Letters Patent of the United States—

1. As an article of manufacture, stove-legs having a socket, B, bridge-piece or bearer D, two catches, E, pivoted to said bearer D, and a caster-wheel, C, substantially as hereinbefore set forth and stated.

2. In furniture having three or more legs, casters having sockets provided with bearing-pieces carrying pivoted catches arranged

to engage both faces of the caster wheels, said sockets being, with their appurtenants, so placed that the locking of the wheels is effected when their lines of travel radiate from a common center, substantially in the manner and for the use and purpose hereinbefore set forth and described.

In testimony that I claim the foregoing as

my invention I have hereto set my hand and affixed my seal in the presence of two subscribing witnesses.

AMALIE MEY. [L. S.]

Attest:

MICHAEL J. STARK,
FRED. H. C. MEY.