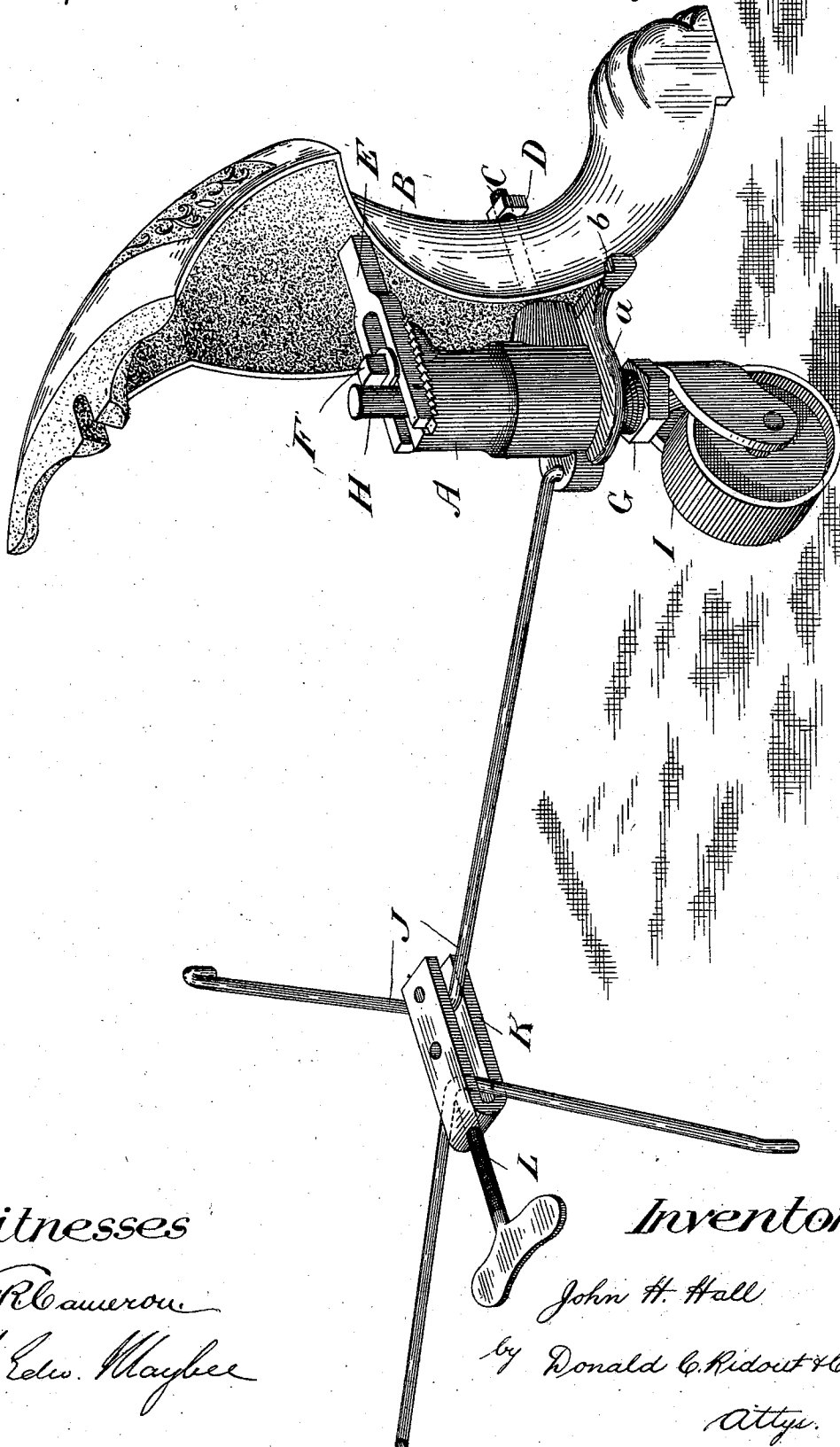


(No Model.)

J. H. HALL.
STOVE CASTER.

No. 502,189.

Patented July 25, 1893.



Witnesses

W. R. Cameron
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Inventor

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UNITED STATES PATENT OFFICE.

JOHN HENRY HALL, OF BRANTFORD, CANADA.

STOVE-CASTER.

SPECIFICATION forming part of Letters Patent No. 502,189, dated July 25, 1893.

Application filed February 24, 1893. Serial No. 463,562. (No model.)

To all whom it may concern:

Be it known that I, JOHN HENRY HALL, of the city of Brantford, in the county of Brant, in the Province of Ontario, Canada, have invented a certain new and useful Improvement in Stove-Casters, of which the following is a specification.

The object of the invention is to provide an easily applied and effective stove caster by which the feet of the stove may be raised clear of the floor, and it consists in the peculiar construction, arrangement and combinations of parts hereinafter more particularly described and then definitely claimed.

The drawing represents a perspective view of my device applied to the leg of a stove.

In the drawing, A, is a bracket secured to the stove leg B, by means of a bolt C, which passes through a hole in the leg B, and is provided with a nut D, as indicated. The base *a*, of the bracket A, is shaped to fit against the leg B, and into a notch *b*, made in each side of the said leg.

E, is a plate fixed to or adjustably held upon the top of the bracket A, the end of this plate E, fitting against the inside of the stove leg B. When my device is made for a particular size and style of stove leg, this plate E is made permanent upon the top of the bracket A, and abuts against the interior of the stove leg B, when the nut D, is tightened on the bolt C.

When my device is made for stoves of various styles and sizes, I make the plate E, adjustable upon the top of the bracket A, preferably holding it by means of a set screw F, and notching the top of the bracket A, and the bottom surface of the plate E, so that when the set screw F, is tightened, the plate E, will be held permanently in position.

By making notches *b*, in the leg B, and tightening the bolt C, so as to draw the base *a*, into the said notches and the end of the plate E, against the inside of the stove leg B, I secure the bracket A, rigidly to the stove leg B, holding it so that the hole through the bracket A, shall be vertical.

G, is a nut screwed into the bottom end of the hole made through the bracket A. A smaller hole is made through this nut G, through which the spindle H, passes. On the bottom of this spindle, the caster wheel I, is placed as shown in the drawing.

When it is desired that the weight of the stove shall be carried by the legs B, the nut G, is adjusted so as to let the feet of the legs B, rest upon the ground.

When it is desired to raise the feet clear of the ground, the nut G, is screwed down against the base of the spindle H or the top of the frame of the caster wheel I, and in this way the bracket A, is raised and as the leg B, is connected as described to the said bracket, the said leg will be elevated accordingly. As the elevating of each leg is done by simply turning a nut like G, the said legs may be very easily elevated to a greater or less extent as may be required and without the slightest strain or effort.

With the view of bracing the four legs of the stove together, I provide two bent rods J, the ends of each rod being hooked so as to fit into holes made in the base *a*, of the bracket A, as illustrated. These rods J, are held together by a link K, provided with a set screw L, the tightening of which draws the rods J, together and thereby effects the desired purpose.

It should be mentioned that after the caster wheel is placed in position the top of the spindle H, is burred out as shown to prevent the caster dropping out if the stove is lifted.

What I claim as my invention is—

1. In a stove-caster, a bracket provided with means for securing it to the stove-leg, a hollow nut inserted in said bracket and adapted to be screwed in or out whereby the stove-leg is raised or lowered, and a caster-spindle inserted in the hole in said nut, substantially as described.

2. In a stove-caster, a bracket having a caster adapted to be raised or lowered therein and means for adjusting said caster in any desired position, and a plate extending from said bracket adapted to bear against the stove-leg and thereby hold the upper end in position, in combination with means for securing said bracket to the stove-leg, substantially as described.

3. In a stove-caster, a bracket having a caster adapted to be raised or lowered therein and means for adjusting said caster in any desired position, a plate adjustably connected to the top of and extending from said bracket and adapted to bear against the stove-leg, and

thereby hold the upper end of said bracket in position, in combination with means for securing said bracket to the stove-leg, substantially as described.

- 5 4. In a stove-caster, a bracket provided with a caster and having its base fitted into notches in the stove-leg, a plate fixed to the top of said bracket and adapted to bear against said stove-leg, in combination with a bolt and
10 nut for securing the bracket to the stove-leg, substantially as described.

5. In a stove, brackets provided with cast-

ers, and means for securing said brackets to the stove-legs, in combination with rods J, each rod connected with two of said brackets, 15 and means, substantially as described, for adjusting said rods, as and for the purpose set forth.

Brantford, February 17, 1893.

JOHN HENRY HALL.

In presence of—

GEO. W. W. BILLINGS,
E. P. BURNS.