

(No Model.)

J. T. JOHNSON.
COFFEE ROASTER.

No. 339,660.

Patented Apr. 13, 1886.

Fig. 1.

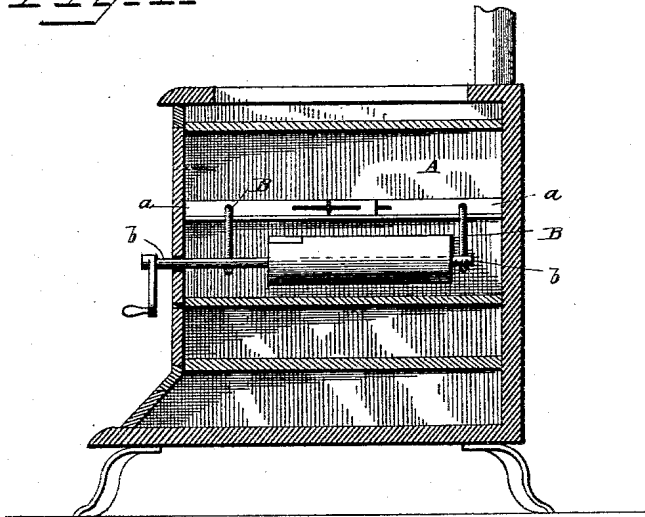


Fig. 3.

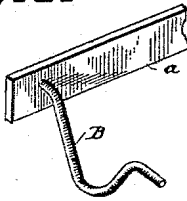
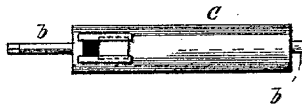


Fig. 2.



Witnesses
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Inventor,
Joseph T. Johnson
By his Attorney
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UNITED STATES PATENT OFFICE

JOSEPH T. JOHNSON, OF HORACE, ILLINOIS.

COFFEE-ROASTER.

SPECIFICATION forming part of Letters Patent No. 339,660, dated April 13, 1886.

Application filed February 9, 1886. Serial No. 191,316. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH T. JOHNSON, a citizen of the United States, residing at Horace, in the county of Edgar and State of Illinois, have invented certain new and useful Improvements in Coffee-Roasters; 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 and figures of reference marked thereon, which form a part of this specification.

This invention has relation to improvements in coffee-roasters; and it consists in the construction, novel arrangement, and adaptation of devices, as will be hereinafter more fully set forth and claimed.

In the accompanying drawings, Figure 1 is a vertical sectional view, through the oven, of an ordinary cook-stove, showing my invention applied. Fig. 2 is a perspective view of one of the wire bearings attached to one of the supporting-strips, and Fig. 3 is a plan view of the cylinder removed from the oven.

Referring by letter to the said drawings, A indicates an oven, which may be that of any ordinary cook-stove, having an aperture in its door for one of the journals of the roaster-cylinder.

B B indicate the bearings for the journals of the cylinder. These bearings are shown in the present instance as being composed of wire bent downwardly in their middle portions and secured at their outer ends to metallic strips *a a*, which are designed to rest upon the flanges in the oven which support the removable grate. I prefer to use wire as the bearings for the cylinder and its contents, as the said wires will permit of a slight bending to adapt the same for ovens of various sizes, and yet retain sufficient strength to support the cylinder and its contents.

C indicates the cylinder, which is provided with closed ends having external journals, *b b*, which are designed to rest in the bearings B. One of these journals is of slightly greater length than the other, and is designed to extend through the aperture in the oven-door and receive a crank or handle to turn the cylinder. This cylinder is provided with a door, as shown, through the opening of which the coffee may be introduced and removed. The strips *a* may be composed of two parts and connected together by means of a loose rivet, so that the same may be adjusted as to length, and consequently adapted for cylinders and ovens of various sizes.

I attach importance to the fact that my invention may be applied to all cook-stoves without impairing the usefulness of the latter in any manner whatever, and also to the employment of the wire or narrow bearings, as they will not obstruct the heat from the cylinder, and may be adapted for use in any oven, whether wide or narrow.

What I claim as new is—

1. The combination, with the cylinder having end journals, of the parallel strips adapted to engage the grate-flanges of an ordinary oven, and the bent-wire bearings for the journals secured to the said strips, substantially as specified.

2. The combination, with the parallel strips adapted to engage the grate-flanges of an oven, of the wire bearings secured at opposite ends to the said strips, and the cylinder having closed ends provided with journals, and a detachable crank-handle adapted to engage one of the journals, substantially as specified.

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

JOSEPH T. JOHNSON.

Witnesses:

H. F. LONG,
A. C. LONG.

(No Model.)

2 Sheets—Sheet 1.

W. JONES.

TOBACCO BOOKING MACHINE.

No. 339,662.

Patented Apr. 13, 1886.

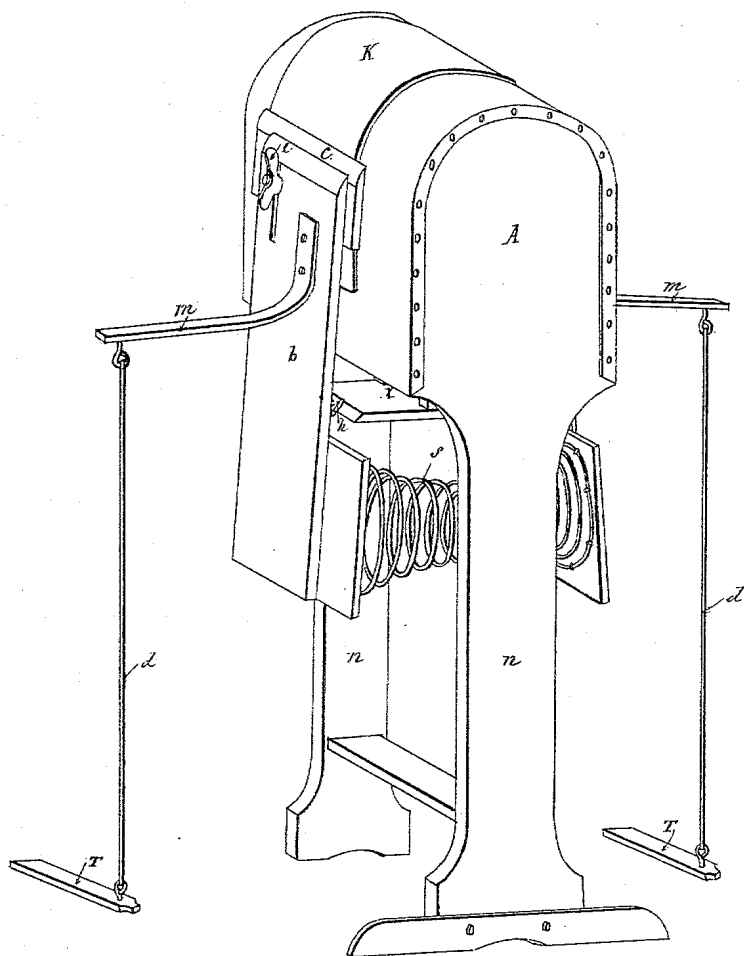


Fig. 1.

WITNESSES:

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