

(No Model.)

G. W. BOLL.
PARCHER.

No. 423,211.

Patented Mar. 11, 1890.

Fig. 1.

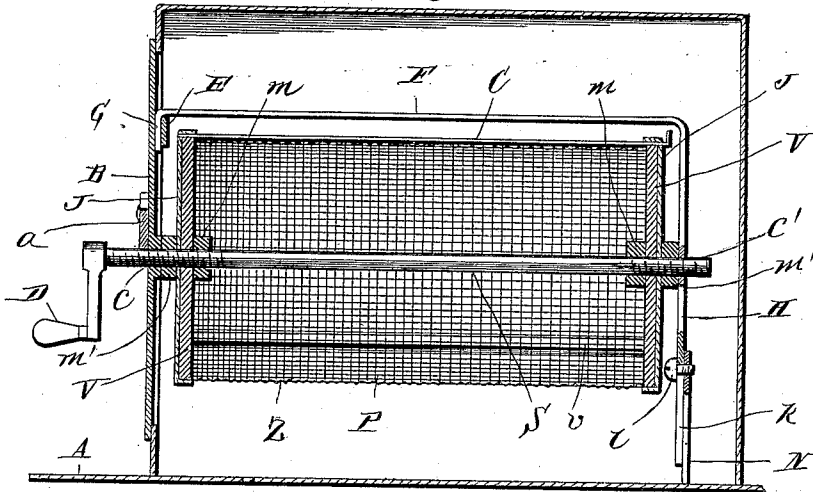


Fig. 2, I.

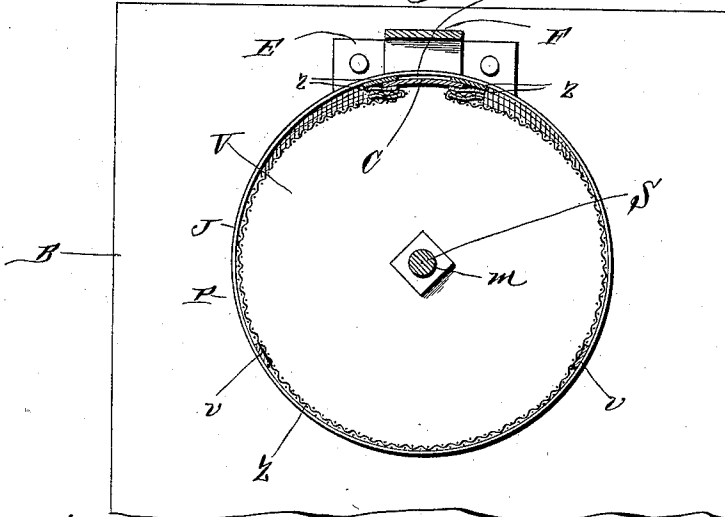


Fig. 4.

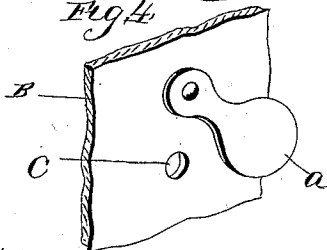
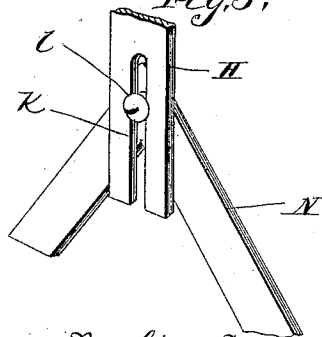


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE W. BOLL, OF MOUNT HOPE, KANSAS.

PARCHER.

SPECIFICATION forming part of Letters Patent No. 423,211, dated March 11, 1890.

Application filed August 1, 1889. Serial No. 319,426. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. BOLL, a citizen of the United States, and a resident of Mount Hope, in the county of Sedgwick and State of Kansas, have invented certain new and useful Improvements in Parchers; 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 letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a vertical longitudinal section of the machine. Fig. 2 is a vertical transverse section of same, and Figs. 3 and 4 are detail views.

The object of the invention is to provide a simple and strong cylinder parcher attachment for oven-doors, designed to serve an excellent purpose in parching coffee and chicory, popping corn, roasting peanuts, &c.; and the invention consists in the novel construction and combination of parts, as hereinafter set forth, and pointed out in the appended claims.

In the accompanying drawings, the letter A designates the floor, and B the door, of the oven of a stove or range. The door is provided with a circular aperture *c*, forming a bearing for the shaft of the parcher, which is designed to project through said bearings outside the door sufficiently for the attachment of a crank-handle D.

E represents a loop-bracket secured to the inside of the door above the bearing *c* by rivets.

F is a bar-frame having a flange-catch G at its front end to engage the loop-bracket E and extending horizontally inward from the door, to which it is attached. The inner end of the frame is bent downward at right angles to form the support-arm H, which is slotted at *k* to receive the shank of the clamp-screw *l*, whereby the supporting-foot N is secured to said arm. The foot N is made adjustable, so that the support can be properly fitted to the floor of the oven. The arm H is provided with a circular aperture *c'*, forming the inner bearing of the parching-cylinder.

The parcher P is of cylinder form, consist-

ing of the shaft S, having threaded ends, the end plates V thereon, the wire cylinder Z, having the longitudinal edge strips *z* and supporting-strips *v*, and the circumferentially-flanged caps J, which fit over the inward-bent ends of the wire-cloth cylinder and strips and hold the same in position upon the end plates. On the shaft, within the end plates, are the inner bearing-nuts *m*, and outside of the caps J are the outer clamp-nuts *m'*, which being turned closely against said caps clamp the same, with the ends of the wire-cloth cylinder, closely to the end plates. Between the edge strips *z z* is left an elongated interval or opening I, extending lengthwise of the cylinder, and a slide C serves to close the same.

A small turning button or valve, of iron, (indicated at *a*), is pivoted to the oven-door near the bearing *c* and serves to close the same when the parching attachment is removed.

To use the attachment the projecting end of the shaft of the cylinder is put through the bearing *c*, and the supporting-frame is connected to the loop-bracket of the oven-door and suitably adjusted to the cylinder and oven. The crank is then attached to the projecting end of the shaft, and the cylinder can then be changed and the oven-door then closed. The cylinder can be rotated while within the oven, and whenever inspection is desired the door can be opened, this operation bringing the cylinder out by a radial movement into view.

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

The parching attachment consisting of the detachable frame having an adjustable foot and a front flange, the bracket-loop of the oven-door, and the cylinder parcher, journaled in said door and detachable frame, said front flange engaging said bracket-loop, substantially as specified.

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

GEORGE W. BOLL.

Witnesses:

W. D. EDWARDS,
J. E. GRESHAM.