

No. 756,033.

PATENTED MAR. 29, 1904.

A. V. MANIACHI.
STOVE FOR HEATING IRONS, &c.
APPLICATION FILED MAY 14, 1903.

NO MODEL.

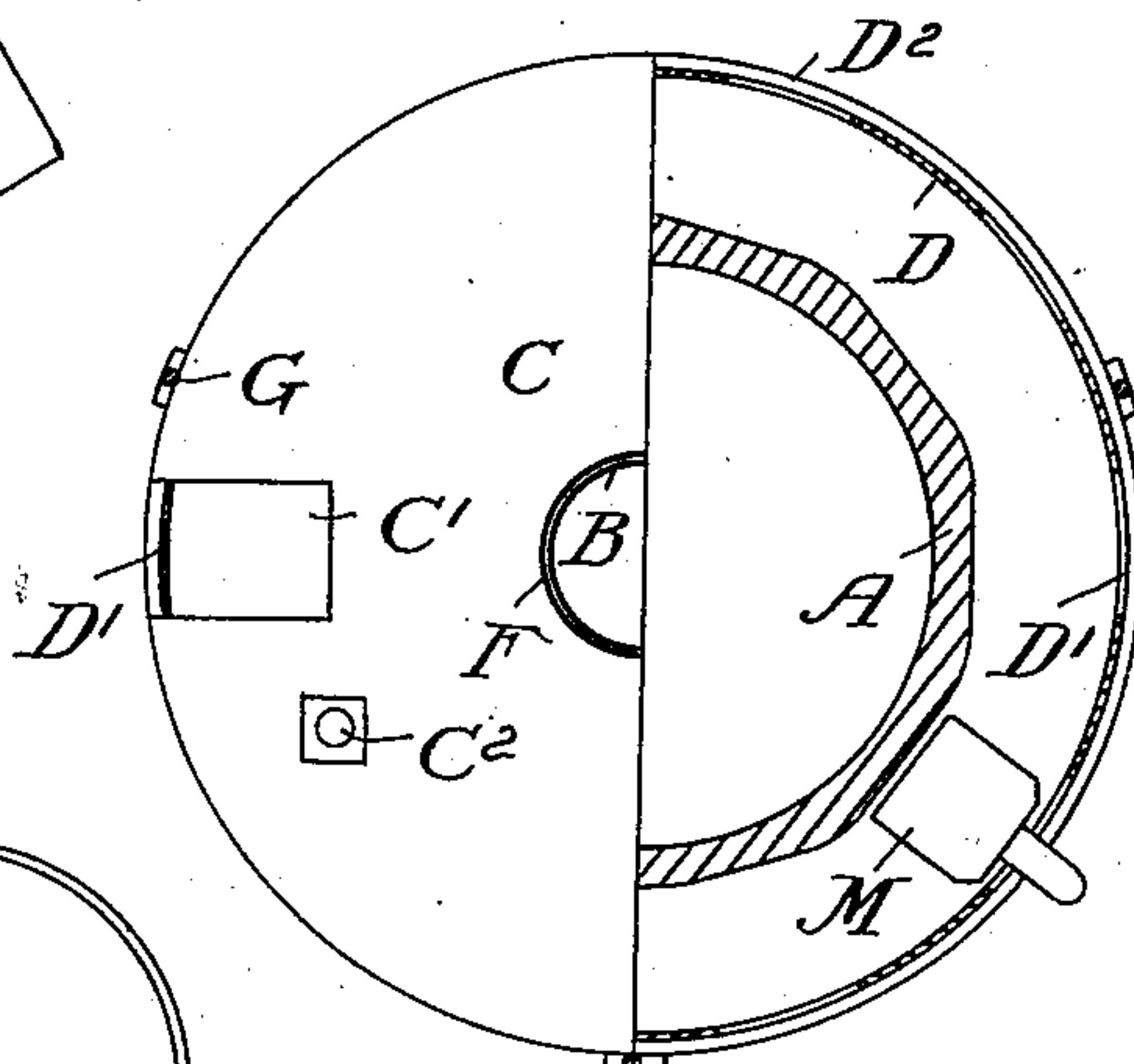
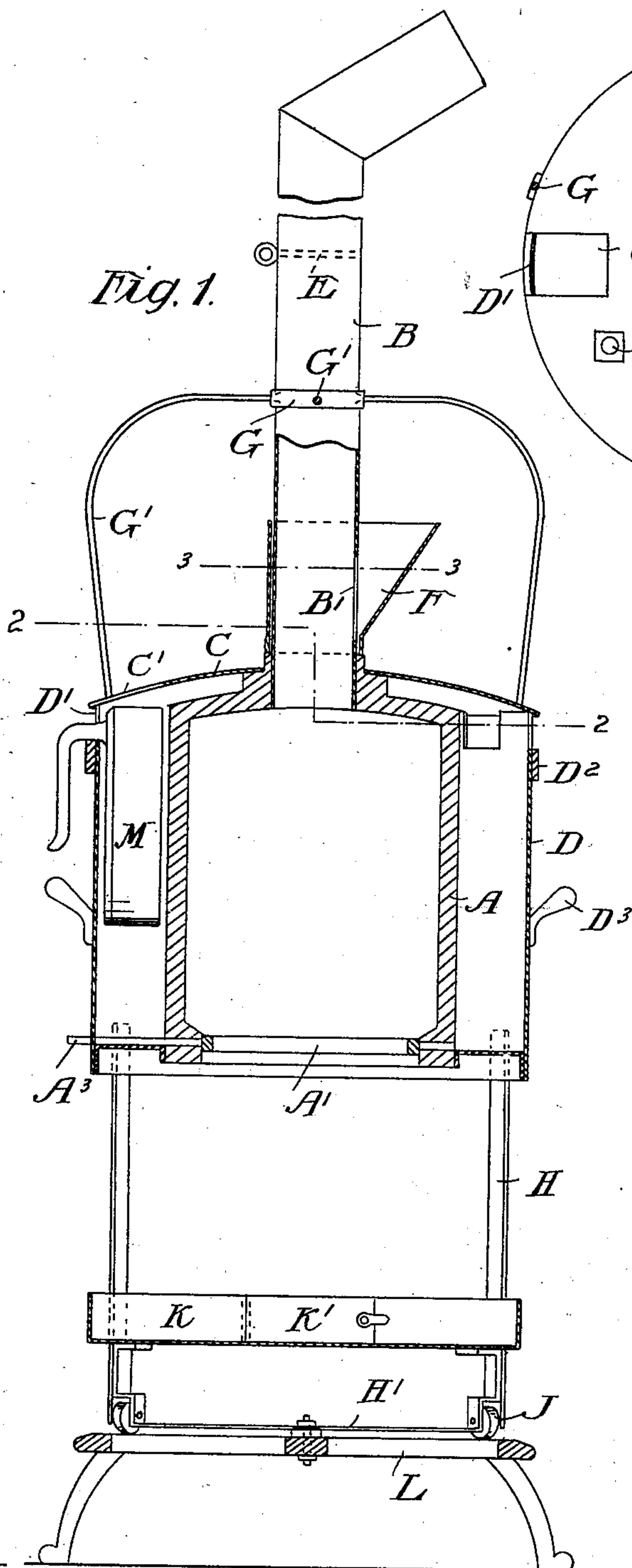


Fig. 2.

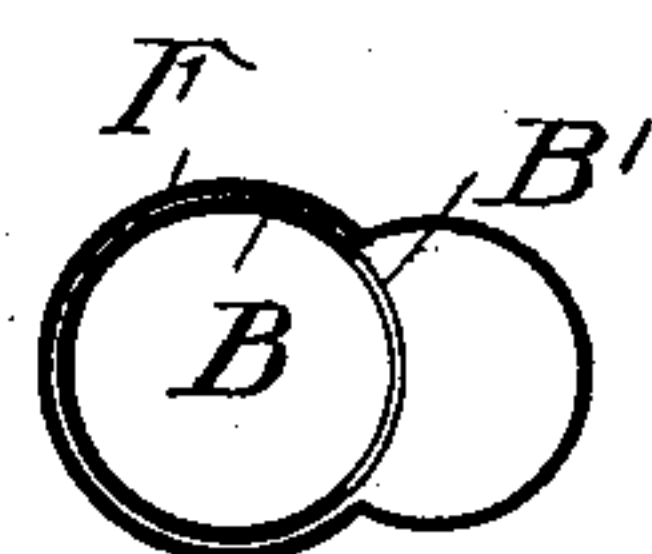


Fig. 3.

Witnesses.
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UNITED STATES PATENT OFFICE.

ALEXANDER VANGELLI MANIACHI, OF MELBOURNE, VICTORIA,
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STOVE FOR HEATING IRONS, &c.

SPECIFICATION forming part of Letters Patent No. 756,033, dated March 29, 1904.

Application filed May 14, 1903. Serial No. 157,088. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER VANGELLI MANIACHI, a subject of the King of Greece, residing at No. 369 Old Exchange, Collinsstreet, Melbourne, in the State of Victoria, Australia, have invented certain new and useful Improvements in Stoves for Heating Irons and the Like, of which the following is a specification.

My invention provides a stove for heating irons, and is specially adapted for those used by tailors, pressers, clothing-manufacturers, laundrymen, and like tradesmen. The stove is economically heated by coke; but other fuel might be employed. The fumes from the stove are conducted away by a chimney, so that there can be no injurious effect upon workers, as in the present systems where gas is employed. It may be made either stationary or portable.

In order to make the invention clear, I will now describe same with reference to the accompanying drawings, in which—

Figure 1 shows vertical section of the appliance with part in elevation. Fig. 2 is a sectional plan taken on line 2 2 of Fig. 1. Fig. 3 is a section taken on line 3 3 of Fig. 1.

A represents a metal chamber that forms the furnace of the stove. The furnace is polygonal in section form, and so presents a flat surface to each iron when in position. The bottom of furnace is provided with fire-bars A', set in a frame, so as to be turned for the discharge of fuel. This chamber supports a chimney B and is inclosed in an outer vessel D and to which latter it is secured at bottom. The top of the vessel D has a number of gaps or recesses D' cut in it to receive the irons and a strengthening-band D² to support the irons.

C represents a cover that encircles the chimney B and rests on the top of vessel D. This cover is provided with an opening C' to allow of the insertion of an iron into position and a handle C² for revolving the said cover. The chimney is provided with a hopper F, that communicates with an opening B' in the chimney for the supply of fuel to the furnace. The hopper is in the form of a sleeve and may be turned so as to close the said opening when the furnace is charged.

E represents a damper set in the chimney. A circular band G surrounds this chimney and is connected with stay-rods G', that are attached to the vessel D. The vessel D is supported by bars H, and these bars are connected by frame-plates H', that are arranged with the bars H to form bearings for rollers J. The plates H' support also an ash-tray K, (with door K'.) The frame H' is pivoted at the center to stand L, and the rollers J run upon same.

The drawings represent a stove that is designed for heating ten irons M. These irons are inserted in place as follows: The cover is turned until the opening C' registers with a gap D' in the vessel D, when the iron may be lowered into position, and the handle of same will rest upon the supporting-band D². In a similar manner the irons may be withdrawn when heated.

The stove may be revolved to bring any of the irons into position by operating the handles D³, which will cause the runners J to move over the stand L. The grate A' may be dumped by turning the spindle A³ by a key, whereupon the ashes will fall into the tray K, from whence they may be removed by the door K'.

Great heat will be obtained by the use of coke in the furnace, and the iron chamber A will cause the heat to be radiated, so that the irons will be rapidly heated in the annular space between the two chambers, while the cover will act to retain the heat in this space.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

1. A stove for heating irons comprising a central metal chamber, an outer concentric wall the top edge of which is provided with gaps or recesses, and a swiveled cover adapted to close said gaps or recesses and provided with an opening adapted to register with the latter.

2. A stove for heating irons comprising a central chamber, an outer concentric wall the top edge of which is provided with gaps or recesses, a strengthening-band adjacent said re-

cesses, and a cover having an opening adapted to register with said gaps or recesses.

3. A stove for heating irons comprising a central chamber, an outer concentric wall the top edge of which is provided with gaps or recesses, a chimney leading from said central chamber and provided with an opening and a hopper swiveled on said chimney in juxtaposition to said opening.

10 4. A stove for heating irons comprising a central chamber, an outer concentric wall the top edge of which is provided with gaps or re-

cesses, bars arranged to support said chamber and walls, bars uniting said supporting-bars and serving as bearings, rollers mounted in said bearings, and a stand to which said latter bars are pivotally connected.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALEXANDER VANGELLI MANIACHI.

Witnesses:

A. O. SACHSE,

A. HARKER.