

(No Model.)

W. R. LEE.
SAD IRON HEATER.

No. 518,370.

Patented Apr. 17, 1894.

FIG. 2.-

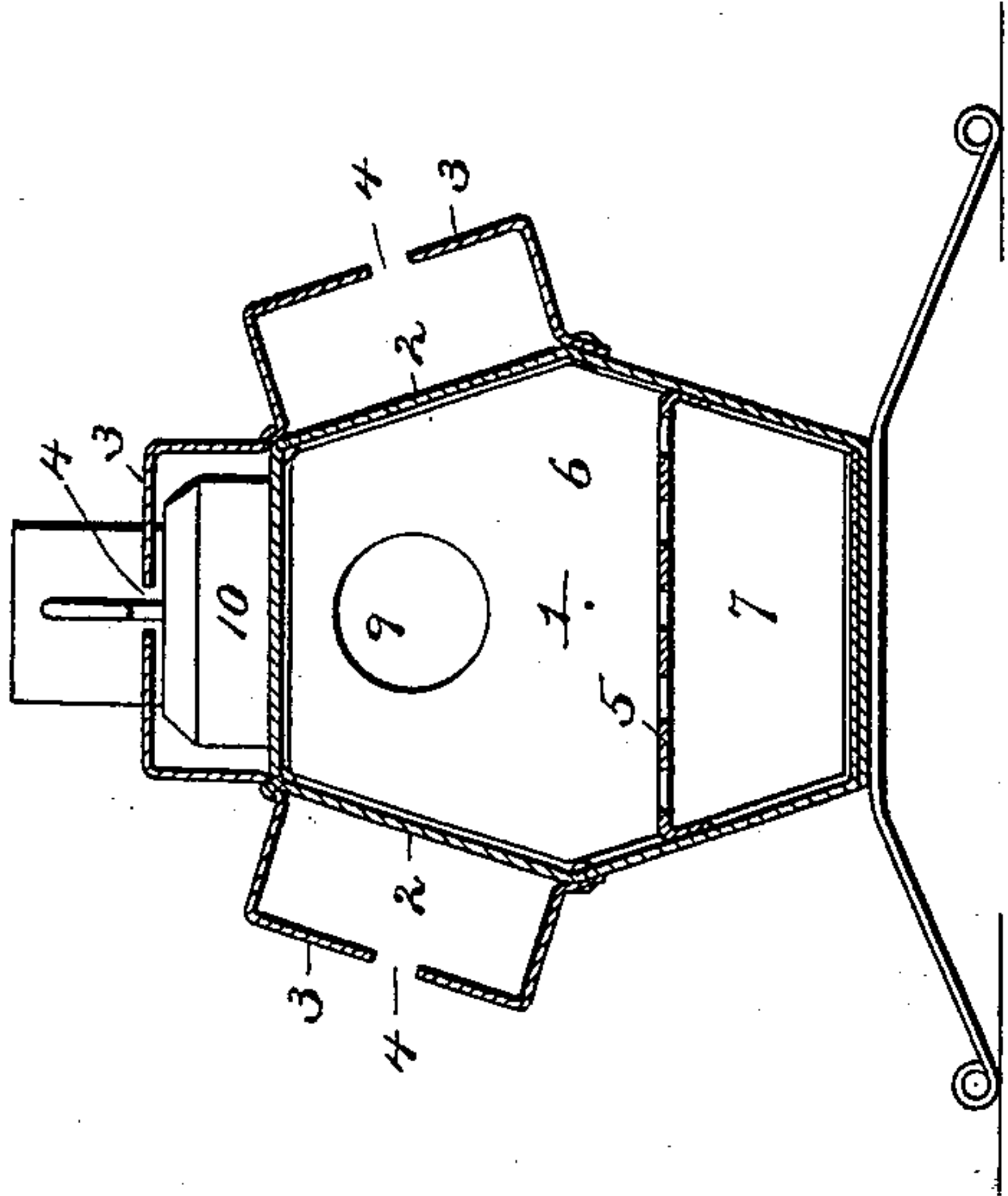


FIG. 3.-

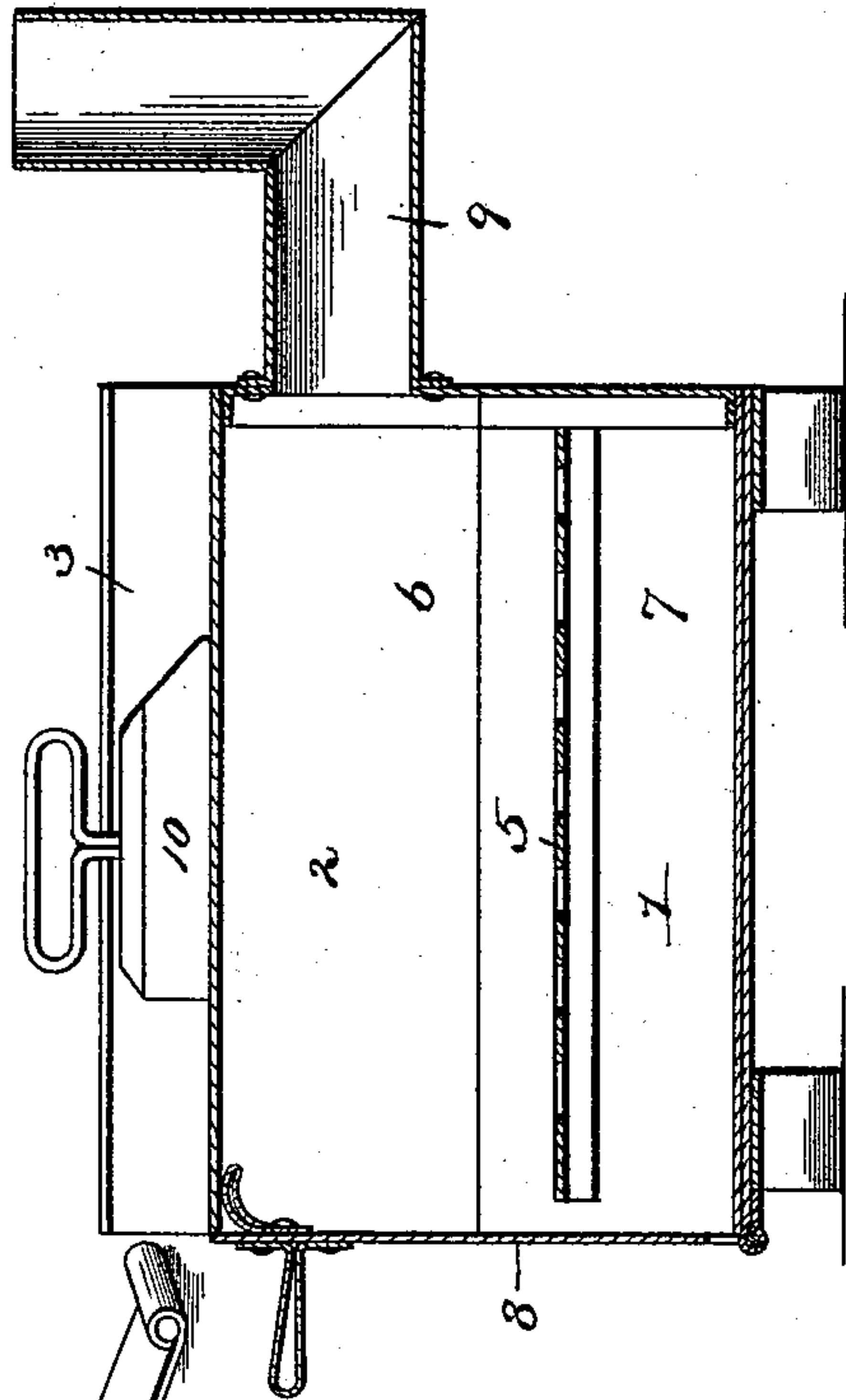
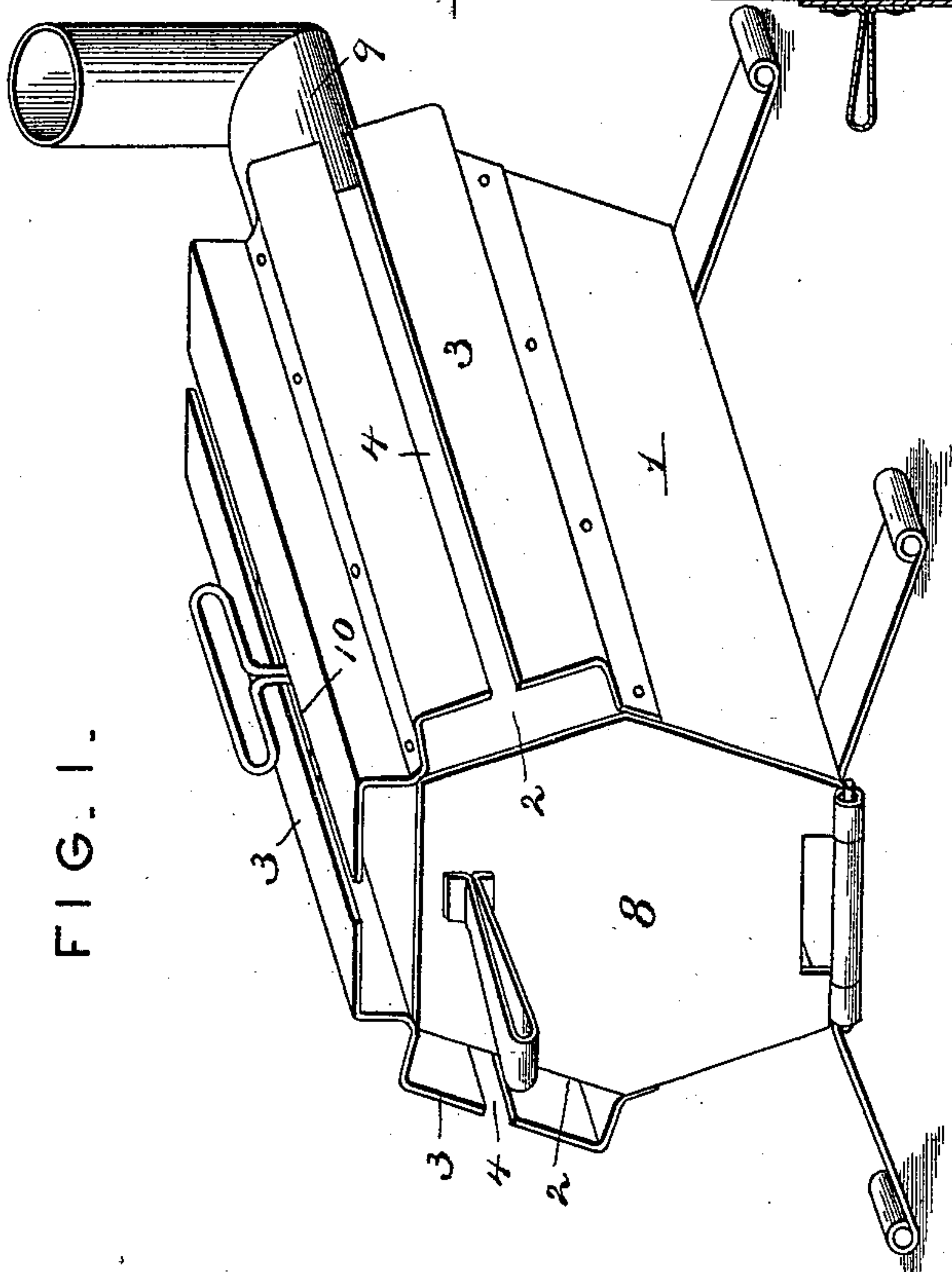


FIG. 1.-



Inventor

Witnesses

Harry L. Amer.

[Signature]

By his Attorneys.

William R. Lee.

[Signature]

UNITED STATES PATENT OFFICE.

WILLIAM R. LEE, OF NELSONVILLE, TEXAS.

SAD-IRON HEATER.

SPECIFICATION forming part of Letters Patent No. 518,370, dated April 17, 1894.

Application filed June 22, 1893. Serial No. 478,499. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. LEE, a citizen of the United States, residing at Nelsonville, in the county of Austin and State of Texas, have invented a new and useful Sad-Iron Heater, of which the following is a specification.

My invention relates to a device for heating sad irons, and it has for its object to provide a heater adapted to receive a plurality of irons.

Further objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings: Figure 1 is a perspective view of a heater embodying my invention. Fig. 2 is a transverse vertical section of the same. Fig. 3 is a longitudinal central section thereof.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates the body portion of the heater, which is polygonal in cross-section, the upper sides 2 of which form heating surfaces which are covered by the hoods or holders 3. These hoods or holders correspond in section with the shape of the cross-section of an iron and have their outer sides slotted, as shown at 4, to receive the handles of the irons, as shown clearly in Fig. 1. These hoods or holders are preferably constructed of strips of sheet metal which are riveted to the body portion of the heater at the angles thereof, as clearly indicated in Fig. 2.

The interior of the body portion of the heater is divided by means of a horizontal grate 5, to form the combustion chamber 6, and the subjacent ash-pit 7, a door 8 being hinged to the front end of the body portion and a pipe or flue 9 being connected to the combustion chamber at the rear end of the body portion. The heating surfaces 2 are arranged above and on both sides of the combustion chamber, and when the irons 10 are fitted in the hoods or holders with their under or polishing surfaces in contact with the side walls of the combustion chamber, it will be seen that they are held in favorable positions for rapid and effective heating.

The hoods or holders in addition to maintaining the irons in proper contact with the

surfaces of the heater act as deflectors to prevent the rapid radiation of heat from the device and confine the same within the holders and around the irons.

It will be understood that the body portion of the heater may be provided with any number of heating sides or surfaces, and it may be made of any desired length to accommodate irons of greater or less number. Furthermore, it will be observed that the hoods or holders are open at both ends, whereby the irons may be passed thereinto at one end and removed therefrom at the opposite end to avoid the displacement of intermediate irons or those which have not become sufficiently heated.

The arrangement of the handles of the irons outside of the hoods or holders prevents them from becoming overheated.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described the invention, what I claim is—

1. In a sad-iron heater, the combination with a body portion which is polygonal in section, having a plurality of exposed sides, of a series of longitudinally slotted hoods or holders arranged respectively in juxtaposition with said heating surfaces and having open opposite ends, whereby the irons may be inserted and removed at either end thereof, substantially as specified.

2. In a sad-iron heater, the combination with a body portion of polygonal shape having an inclosed combustion chamber provided with a plurality of sides or walls forming heating surfaces, of longitudinally-slotted hoods or holders formed by strips of sheet metal secured to the angles between the sides of the combustion chamber and spaced apart at their contiguous edges to form spaces to receive the handles of the irons, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM R. LEE.

Witnesses:

R. T. HOOD,
G. S. CUMINGS.