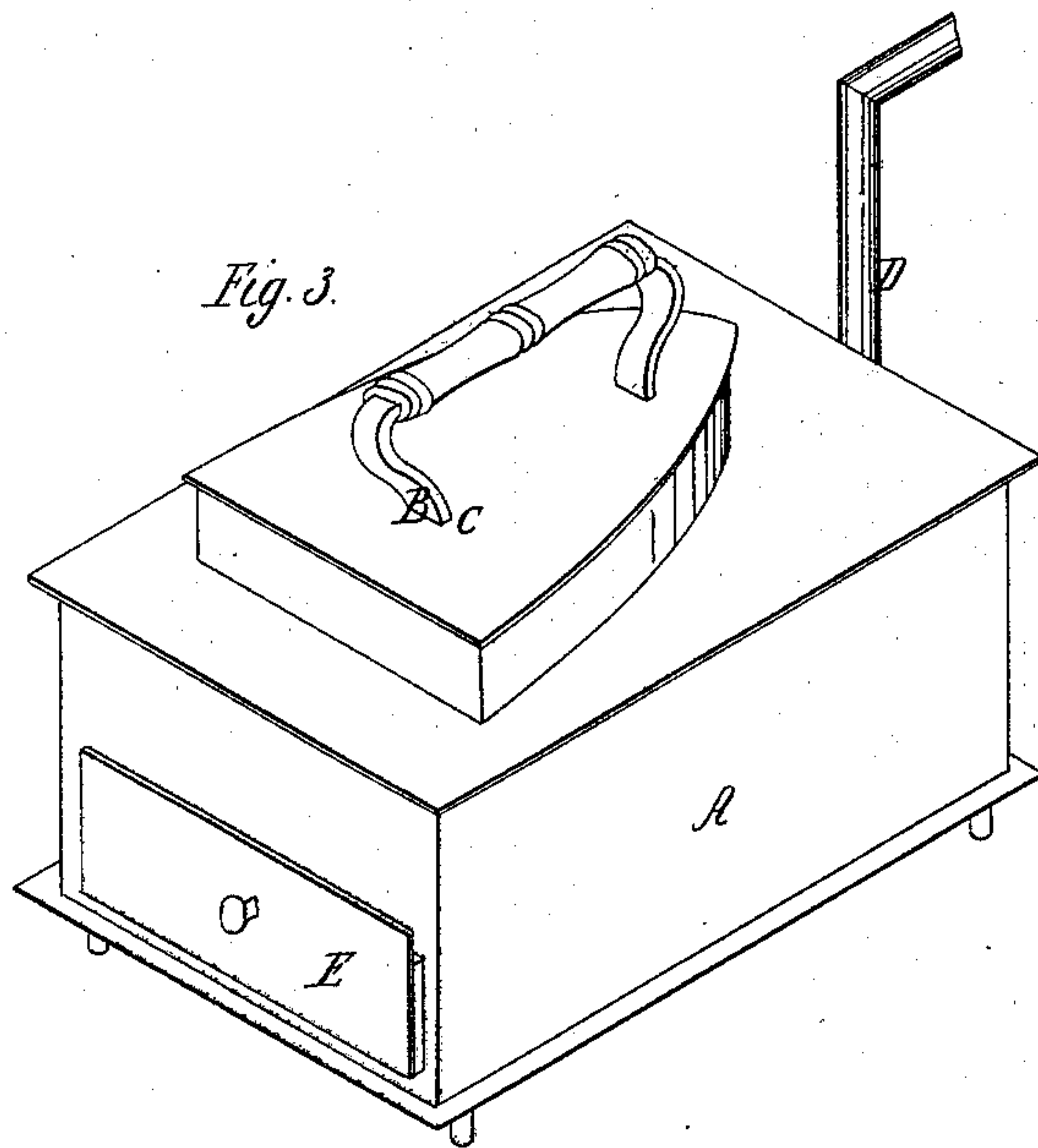
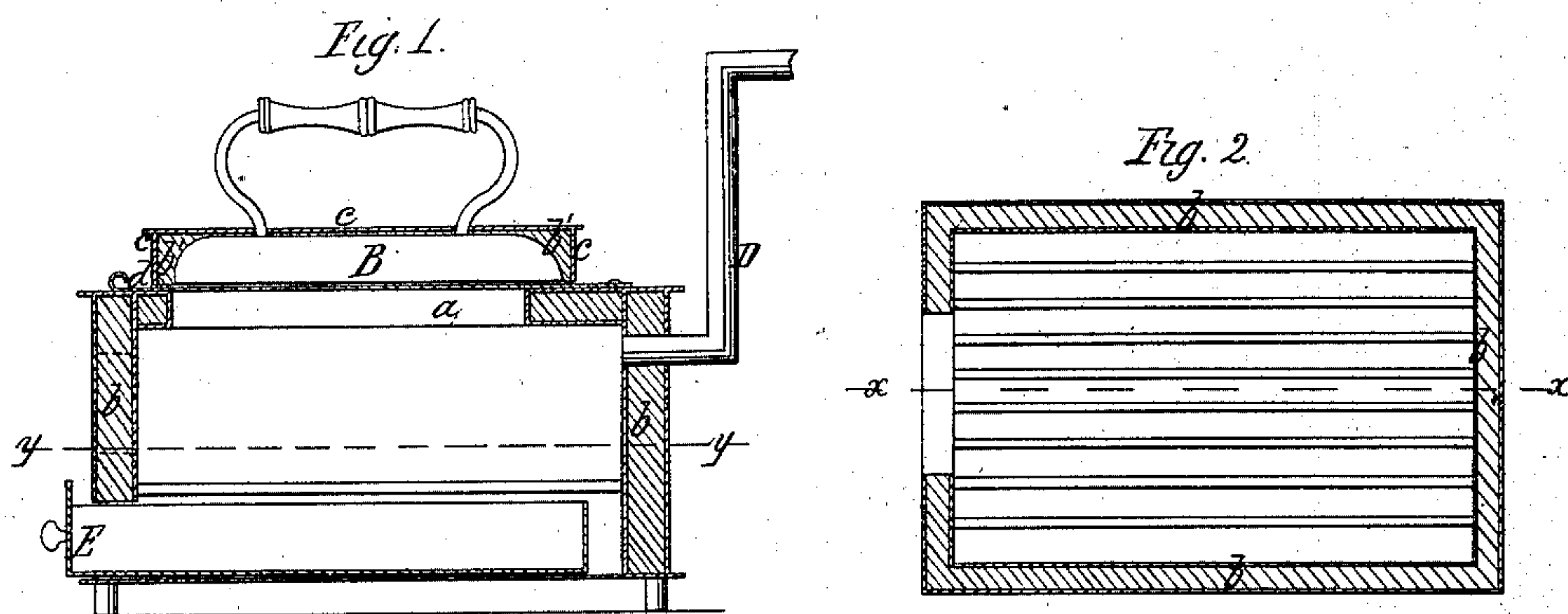


J. D. WESTGATE.
SAD IRON HEATING APPARATUS.

No. 62,172.

Patented Feb. 19, 1867.



Witnesses;
C. M. Smith
Charles Jackson

Inventor;
Joseph Davis Westgate

United States Patent Office.

JOSEPH DAVIS WESTGATE, OF SAN FRANCISCO, CALIFORNIA.

Letters Patent No. 62,172, dated February 19, 1867.

SAD-IRON HEATING APPARATUS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOSEPH DAVIS WESTGATE, of the city of San Francisco, San Francisco county, State of California, have invented certain new and useful improvements in Ironing Apparatuses for laundry purposes; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention without further invention or experiment.

The nature of my invention relates to the employment of a furnace with a sufficient number of holes in its top over which to place sad-irons, non-conducting substances being placed around the furnace and sad-irons to prevent the escape of heat. In the drawings—

Figure 1 is a side sectional elevation of my apparatus taken through the line *x x*.

Figure 2, transverse section of the furnace taken through the line *y y*, showing the lining and double walls.

Figure 3, perspective view of the furnace and sad-irons.

Similar letters indicate like parts in each of the figures.

A represents a furnace of any convenient shape, and having one or more openings *a* in its top at which to heat the irons. These openings have a thin metal cover *d* upon which the iron is placed, and which protects its face from the direct action of the fire. The walls and top of the furnace are made double, and between them is placed a non-conducting material *b*. This non-conductor may be made in different ways, but I use a cement composed of ten parts of plaster of Paris, and one part wood ashes, made plastic with water. This serves to retain the heat within the furnace. B is a sad-iron of the ordinary construction surrounded on all sides except the face by a casing, *c*. This casing is at a little distance from the iron, and the intervening space is filled with the non-conducting material or cement *b'*. D is a pipe, which conveys away the smoke and gases from the fire. E is an ash-pan and may be used as a damper. By this arrangement of an ironing furnace and sad-iron I retain the heat, the cement acting as a non-conductor, thereby making a great saving of fuel and preventing the heat from escaping into the room, while the irons retain their heat much longer than those without the covering.

My apparatus will be found to be very convenient, as a large fire will not be necessary in order to perform the ironing of a family, as the furnace can be constructed with a sufficient number of holes to receive as many irons as desired, and the heat so confined as not to be annoying in hot climates.

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

An ironing apparatus consisting of the sad-iron B, and stove A, constructed as herein described, lined with non-conducting material, substantially as and for the purpose set forth.

In witness whereof I have hereunto set my hand and seal this 9th day of July, 1866.

JOSEPH DAVIS WESTGATE. [L. s.]

Witnesses:

C. W. M. SMITH,
CHARLES JACKSON.