

J. B. WOOLSEY.  
SAD-IRON HEATERS.

No. 194,284.

Patented Aug. 14, 1877.

Fig. 1.

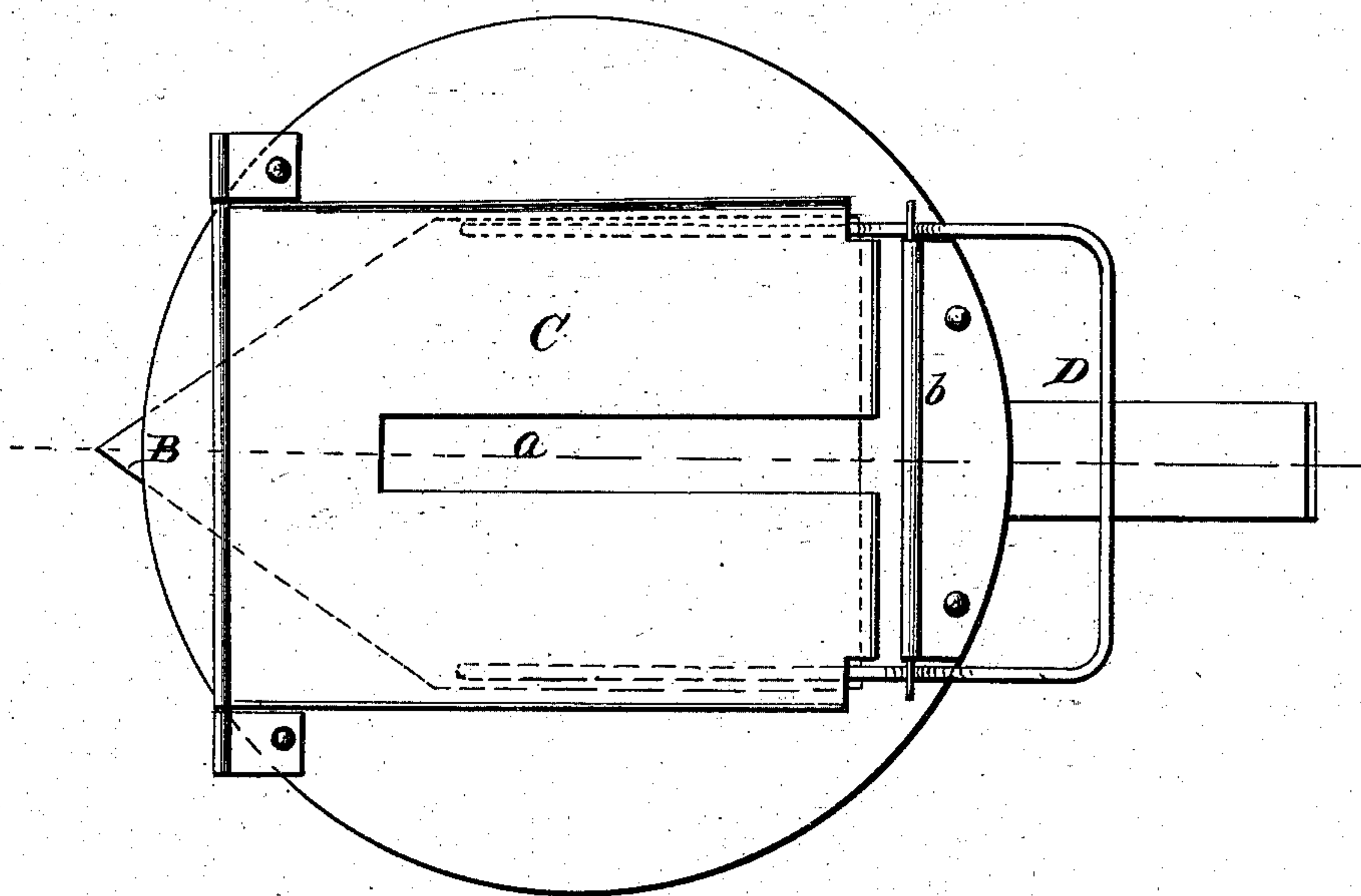
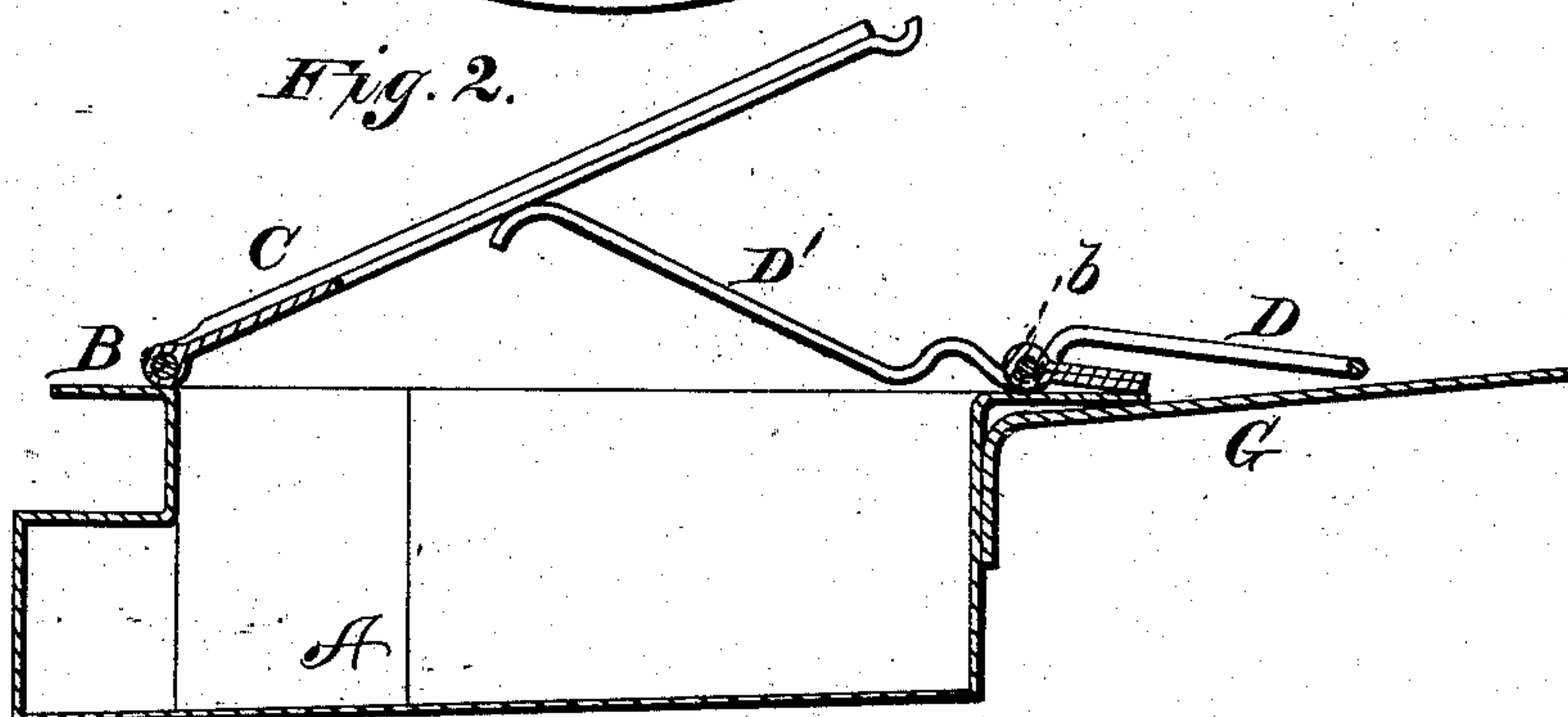


Fig. 2.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JOHN B. WOOLSEY, OF BLOOMFIELD, IOWA.

## IMPROVEMENT IN SAD-IRON HEATERS.

Specification forming part of Letters Patent No. **194,284**, dated August 14, 1877; application filed April 28, 1877.

*To all whom it may concern:*

Be it known that I, JOHN B. WOOLSEY, of Bloomfield, in the county of Davis, and in the State of Iowa, have invented certain new and useful Improvements in Sad-Iron Heaters; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a sad-iron heater, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a plan view, and Fig. 2 a longitudinal vertical section, of my improved sad-iron heater.

The body A of the sad-iron heater is made of sheet-iron, in the general form of such an iron, and is provided at the top with a rim, B, of circular form, as shown.

The body or box A is closed at the top by a lid or door, C, hinged by a rod or otherwise to the top of the rim B above the toe of the box. In this door is a central longitudinal slot, *a*, extending from the outer end of the door inward for a suitable distance for the passage of the handle of the sad-iron. On top of the rim B, beyond the heel of the box,

is hinged a bail, D, by means of a rod, *b*, as shown. The center of this bail forms the handle by which it is operated, and the two arms D' D' thereof extend under the door C, and are curved substantially in the manner shown in Fig. 2.

By pressing down on the bail D its arms D' D' raise the door C, for the insertion and removal of the iron.

G is a handle attached to the box A.

This heater is intended to be used by placing the same in the hole of an ordinary cooking-stove, the box A passing down into the same, while the rim B rests on top of the stove.

By the attachment of suitable strips on the under side of the rim B, the heater may be made to fit any-sized stove-hole by bending said strips, as required.

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

The hinged bail D, with arms D' D', in combination with the hinged door C and heater A B, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 5th day of April, 1877.

J. B. WOOLSEY.

Witnesses:

FRANK GALT,  
C. F. DAVIS.