

(No Model.)

J. J. GOULD.  
COOK STOVE.

No. 452,603.

Patented May 19, 1891.

Fig 1.

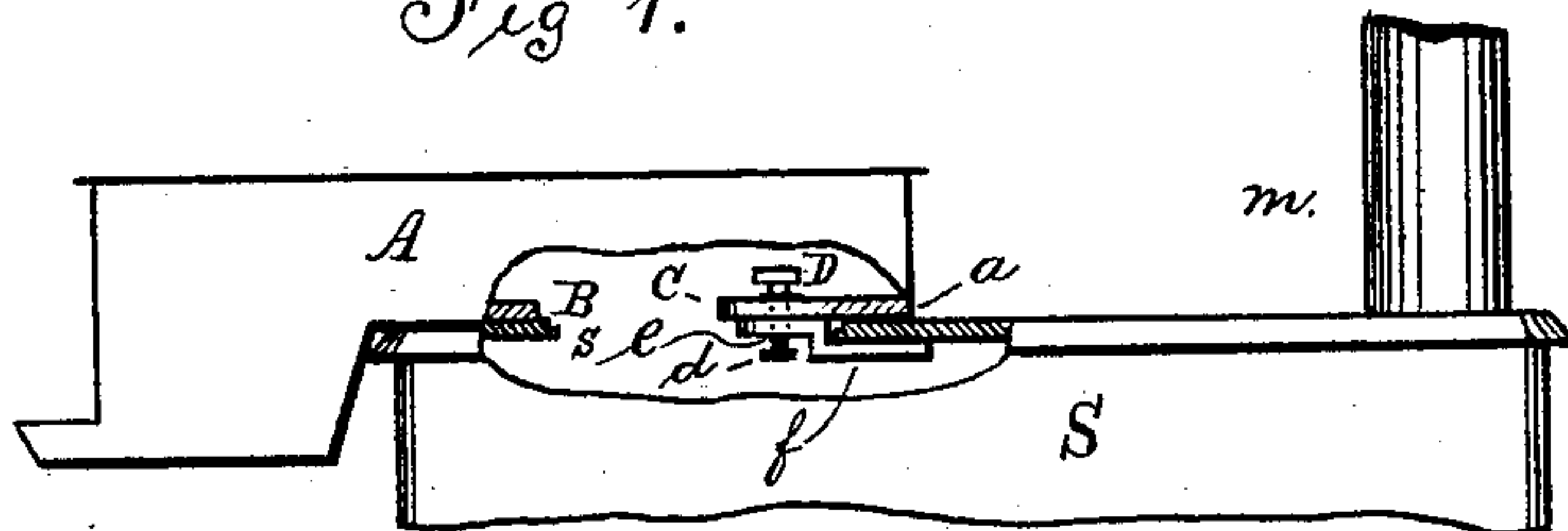
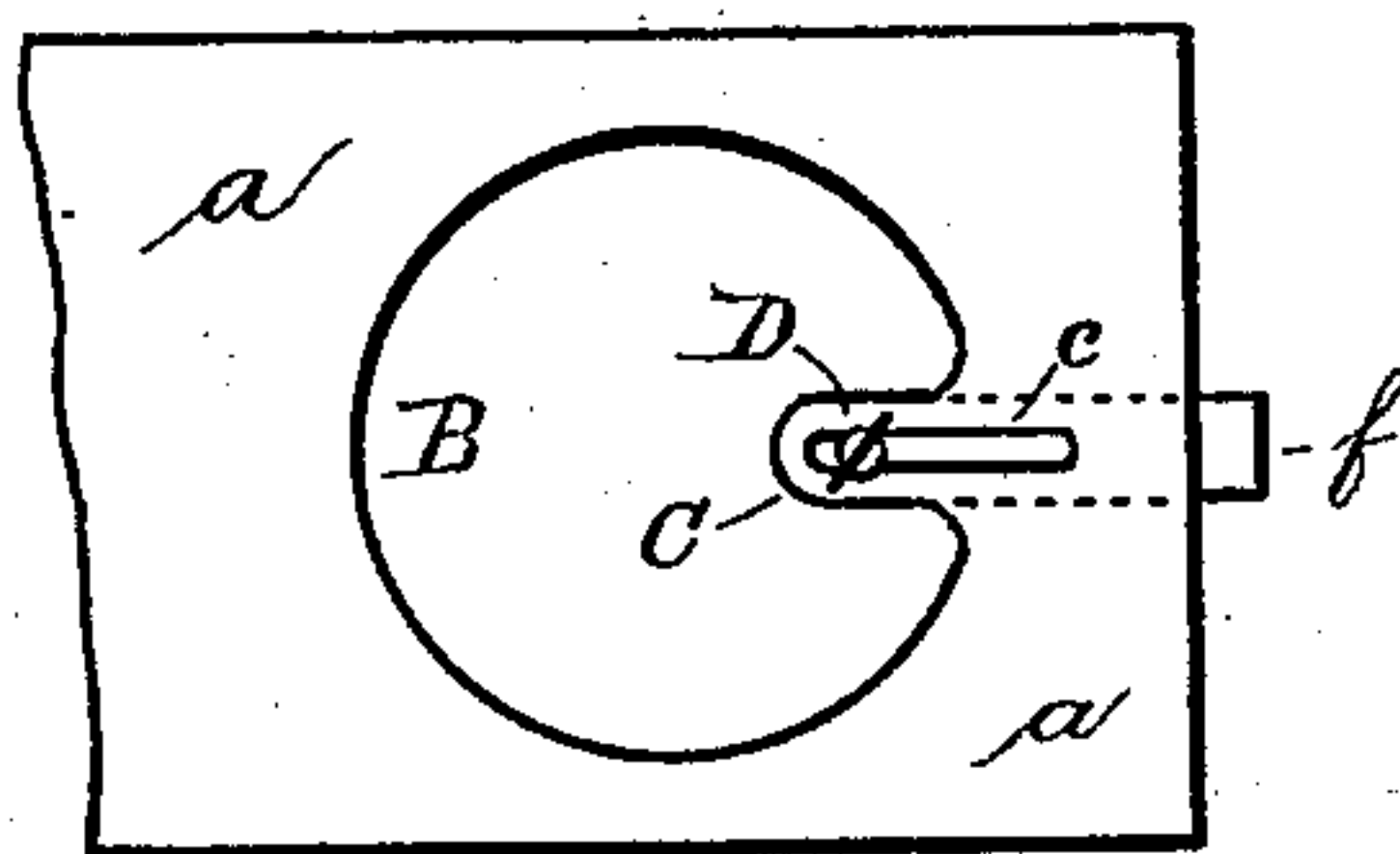


Fig 2.



**WITNESSES:**

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# UNITED STATES PATENT OFFICE.

JOHN J. GOULD, OF WASHINGTON, DISTRICT OF COLUMBIA.

## COOK-STOVE.

SPECIFICATION forming part of Letters Patent No. 452,603, dated May 19, 1891.

Application filed January 29, 1891. Serial No. 379,515. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN J. GOULD, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Cook-Stoves; 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 the letters of reference marked thereon, which form a part of this specification.

In summer cook-stoves superimposed on ordinary stoves and ranges and depending on the latter for draft and smoke flue service the means heretofore employed for securing the stoves together required considerable outlay for cost of manufacture and much inconvenience. Thus the stove patented March 23, 1886, No. 338,472, depends for its fixity on a partial conformity of its bottom plate to the edge of a stove-lid, in whose seat it is designed to rest, and on a simple lug catching beneath the stove-top. These means are sufficient when the upper stove exactly fits the lower one, but otherwise they are useless. Indeed, if the upper stove be too large for the lower, these devices become obstacles to prevent the use of the stove altogether.

Now to obviate the necessity of making and carrying in stock summer stoves of various sizes to fit permanent stoves of corresponding sizes, I have invented the devices described below, by the use of which a summer stove of any one size may be secured upon permanent stoves of all sizes.

Referring to the drawings herewith, Figure 1 is a side elevation of a summer stove and the contiguous portion of a permanent stove, parts of each being broken away to show my invention in operative position. Fig. 2 is a plan view of a part of the bottom plate of the summer stove with my attachment applied thereto.

In the drawings, A indicates a summer stove. Its bottom plate *a*, which rests on the stove S, is made plain on its under side.

B is the smokeway through the plate *a*, communicating through the opening *s* with the flue *m*. From the rear side of the opening B a projection C extends forward, in which a slot *c* is formed. This slot continues rearward also into the plate *a*.

D is a thumb-screw working loosely in the slot *c* and engaging a threaded hole *e* in a clamp *f*. The head *d* prevents the clamp from working off. I sometimes use a threaded bolt and screw thumb-nut instead of the thumb-screw shown in the drawings. The clamp *f* I prefer to make in the angular form shown in Fig. 1; but another form may be used as well.

The invention is operated by placing the movable stove in position, turning the free end of the clamp under the top plate of the permanent stove, and tightening the screw until the two stoves are firmly bound together.

What I claim and desire to secure is—

1. In a movable cook-stove, a slotted projection extending into the draft-opening through its bottom plate, a thumb-screw working loosely in the slot, and a clamp having a threaded hole to engage said screw, for the purposes described.

2. A clamping device to hold a light summer stove in position on an ordinary stove, consisting in an adjustable clamp E, adapted to engage the under side of the top of a stove S, a thumb-screw D, having a head *d*, engaging a threaded hole *e* in said clamp, and a slot *c* in the bottom plate of the said summer stove, through which the screw passes.

3. In combination with a light cook-stove depending on a permanent stove for draft and flue ways, a projection C, formed on its bottom plate, a slot *c* therein, and an adjustable clamp actuated by a tightening-screw, substantially as described.

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

JOHN J. GOULD.

Witnesses:

OTIS D. SWETT,  
A. RUPPERT.