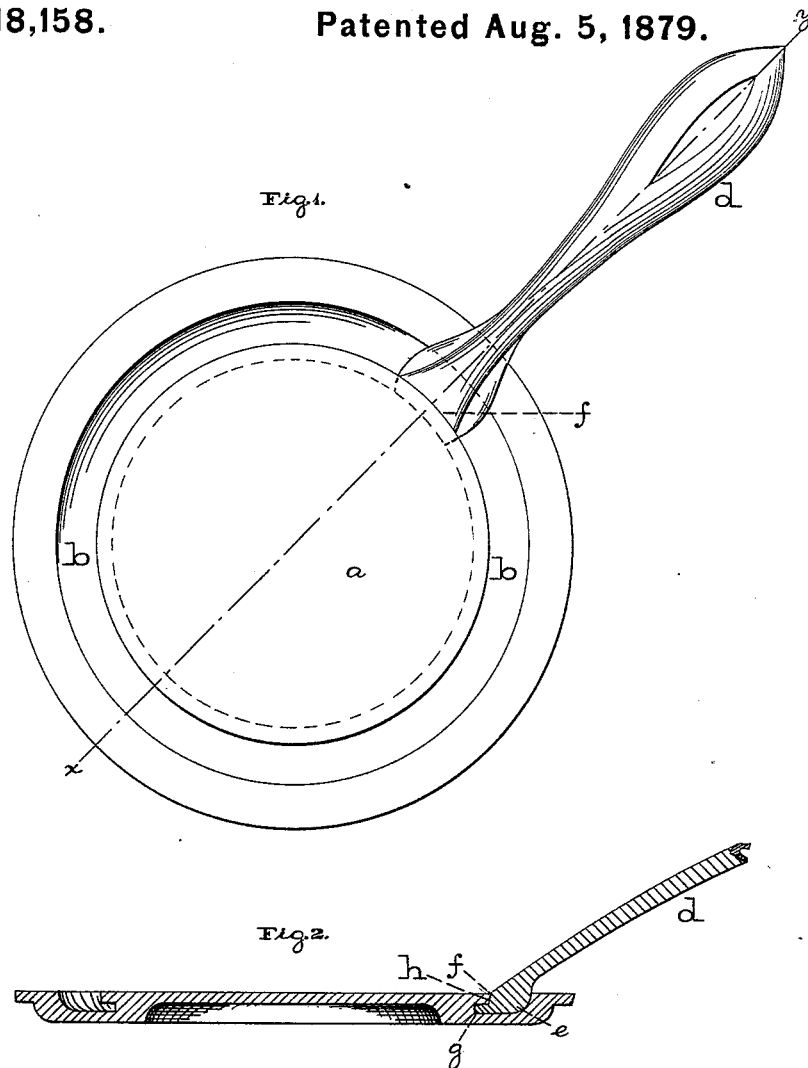


C. CALDWELL.
Cover for Cook-Holes in Stoves.

No. 218,158.

Patented Aug. 5, 1879.



Witnesses:

H. D. Fischer
J. A. Burt.

Inventor:

Clark Caldwell

UNITED STATES PATENT OFFICE.

CLARK CALDWELL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN COVERS FOR COOK-HOLES IN STOVES.

Specification forming part of Letters Patent No. 218,158, dated August 5, 1879; application filed July 7, 1879.

To all whom it may concern:

Be it known that I, CLARK CALDWELL, of Philadelphia, Pennsylvania, have invented a new and useful Improvement in the Covers of the Cook-Holes of Cooking Ranges and Stoves, of which invention the following is a specification.

Covers of the kind referred to are commonly provided with a notch or short recess to receive the end of the lifter. A cover so constructed has two defects, one of which is that the cover must have a certain position in order that the lifter can be applied to the recess with desired convenience, and the other defect is that the recess sometimes gets filled with coal or ashes or other matters sufficient to interfere with the ready application of the lifter, which obstructive matters it is difficult to remove, because of the contracted size of the recess. The first-named of these defects can be only partly remedied by providing the cover with two or more separate notches or recesses with intervals between them.

The objects of my invention are to provide means for the convenient and safe handling of such covers, however they may be placed on the cook-holes, and to lessen, or, practically speaking, avoid, the inconvenience arising from the filling up of the recess above referred to with obstructive matters.

My invention consists of, first, a stove-cover constructed with a circular continuous recess or groove formed in the upper side thereof, adapted to receive the end of the lifter when applied at any part of the recess; second, a lifter provided with a curved shoulder, to be used in combination with a stove-cover having the continuous circular recess or groove aforesaid.

In the drawings, Figure 1 is a plan of the cover with the lifter in position; Fig. 2, a vertical section of the same on the line *x y* of Fig. 1.

a is a cover, which is cast with a continuous circular recess or groove, *b*, in its upper side. *d* is the lifter, the end *e* of which fits into the groove *b*, as shown in Fig. 1. The lifter *d* has a shoulder, *f*. The inner face, *g*, of the end *e* and the face *h* of the shoulder *f* are preferably both made curving, to correspond with the opposing side of the recess *b*, as shown, although the result desired—viz., firmness of bearing—is secured if the face of the shoulder *f* is made curving, as described, while the face *g* of the end of the lifter is made straight.

It is common to provide lifters with shoulders, but they have always been made square-faced. The only peculiarity in the shoulder employed by me consists in the curved form given to its face, whereby the lifter is fitted to take a much firmer hold of the cover.

It will be seen that in operation the lifter can be applied with facility to any part of the continuous recess or groove *b*; also, that any obstructive matters which may get into the groove *b* can be pushed out or aside by the lifter, and also that the curved face *h* of the shoulder *f* of the lifter secures the firm bearing which it is very desirable the holder should have on the cover.

I claim—

1. The cover *a*, constructed with a continuous circular recess or groove, *b*, to receive the inserted end of the lifter *d*, substantially as set forth.

2. The lifter *d*, having a shoulder, *g*, which has a curved face, *h*, in combination with the cover *a*, provided with a continuous circular recess or groove, *b*, formed therein, substantially as set forth, for the purpose specified.

CLARK CALDWELL.

Witnesses:

W. F. KIRCHER,
THOS. A. BURTT.