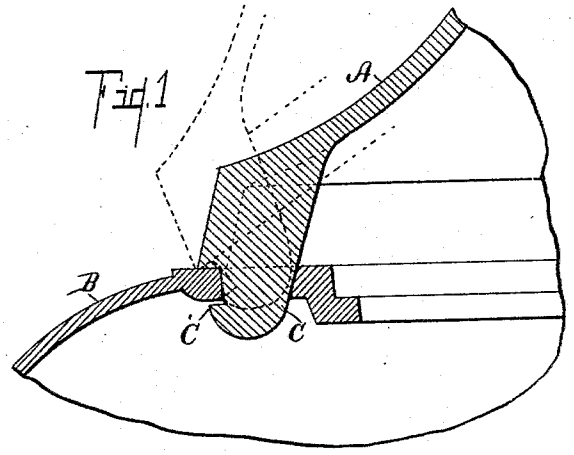
(No Model.)

A. K. BECKWITH.

SWINGING STOVE TOP.

No. 589,686. Patented Sept. 7, 1897.

Fig. 1



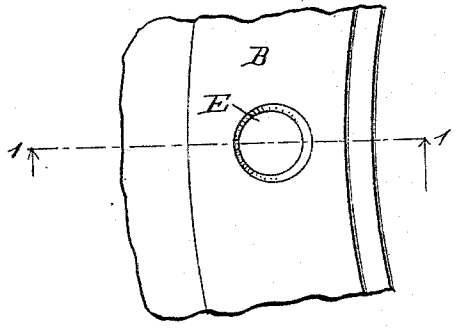


Fig. 2

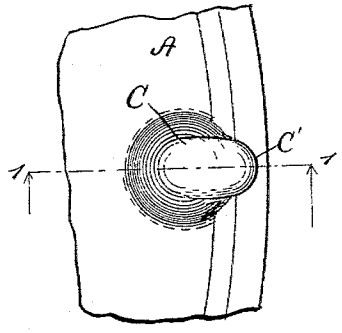


Fig. 3

Witnesses.

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ARTHUR K. BECKWITH, OF DOWAGIAC, MICHIGAN, ASSIGNOR TO FRED E. LEE, OF SAME PLACE.

SWINGING STOVE-TOP.

SPECIFICATION forming part of Letters Patent No. 589,686, dated September 7, 1897.

Application filed February 24, 1894. Serial No. 501,357. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR K. BECKWITH, a citizen of the United States, residing at the village of Dowagiac, in the county of Cass and State of Michigan, have invented certain new and useful Improvements in Swinging Stove-Tops, of which the following is a specification.

My invention relates to improvements in swinging stove-tops.

As heretofore constructed the swinging part of the tops of stoves has been swung on a lug that projects through an opening in the top of the stove. This lug has frequently been made with a slight projection to one side and has been inserted through a keyhole-shaped opening. When the lug is swung to the right position in such a construction, the top will drop off from the stove. Another method of construction has been to curve the lug to one side, (something like a little horn,) inserting it in a round hole, depending entirely upon the curvature to cause a binding to hold the top in place when it is swung to one side of the stove. The object of my invention is to form this lug on which the top swings with a projection to one side in such a manner that it may be inserted in a perfectly round hole and still have the advantage of the square projection to one side to retain it in position when it is swung away from over the stove.

I accomplish these objects by the devices shown in the accompanying drawings, in which—

Figure 1 shows a section of a part of a stove-top with my improvement in position. This section is taken on a line corresponding to line 11 of Figs. 2 and 3. Fig. 2 is a view of a portion of the stove-top, showing the form of the aperture through which my improved pivotal lug is inserted. Fig. 3 is an inverted plan view of the pivotal lug.

Similar letters of reference refer to similar parts throughout the several views.

In the drawings, A represents a portion of the swinging top of an ordinary stove.

B is the stationary portion of the top.

C is the pivotal lug for the swinging part of the top, and C′ is a lateral projection on said lug which is inserted in the aperture E. It will be noted that the under portion of the lug C is rounded into nearly a true circle and extends around to the lateral projection C′, and the entire bottom of the lug is rounded into a somewhat spherical form, with the exception that the projection C′, where it comes next to the stove-top B, is made nearly square.

The method of inserting the lug so as to hold the swinging top A securely is by tipping it up, (see dotted lines Fig. 1,) inserting the part C′ first, and then the remainder of the lug C, when it will drop in position very securely, as is indicated by the main drawing in Fig. 1. Thus it will be seen that this construction affords a lug having a square shoulder to engage the under part of the top and at the same time fits into a perfectly round aperture, so that the top can be swung from side to side without the least danger of its dropping off. With other devices in common use this is not true.

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

The combination of a stove-top having a circular opening at one side of the same, and a lid having a pendent lug to one side thereof adapted to enter said opening, the said lug having a notch in one side thereof and a curved or spherical side opposite said notch the said lug being substantially circular in the cross-section of said notch, substantially as described.

In witness whereof I have hereunto set my hand and seal in the presence of two witnesses:

ARTHUR K. BECKWITH. [L. S.]

Witnesses:
W. C. EDWARDS,
H. M. LEE.