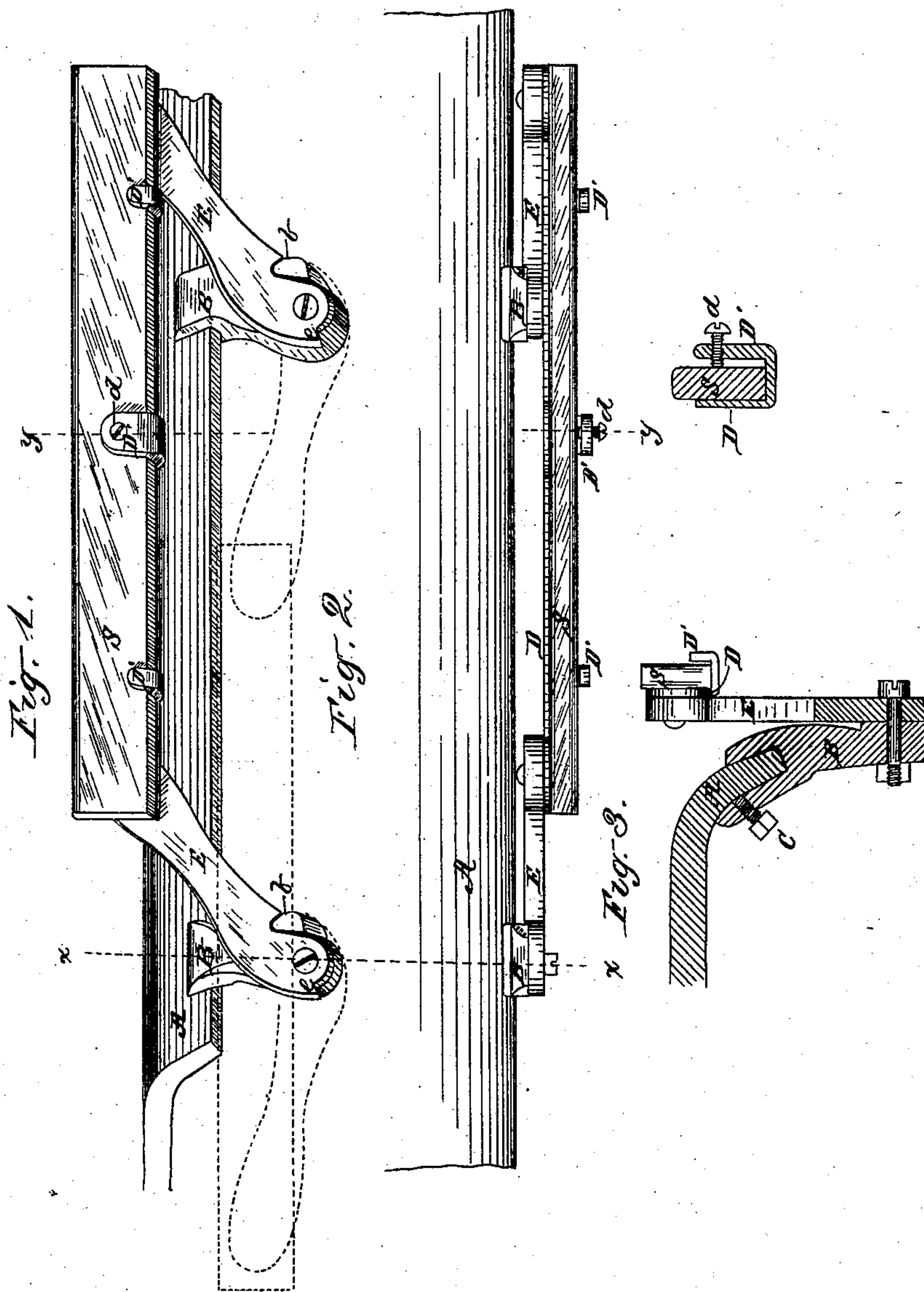


(No Model.)

P. RIETH.
STOVE ATTACHMENT.

No. 260,419.

Patented July 4, 1882.



WITNESSES—
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UNITED STATES PATENT OFFICE.

PETER RIETH, OF CHICAGO, ILLINOIS.

STOVE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 260,419, dated July 4, 1882.

Application filed October 1, 1881. (No model.)

To all whom it may concern:

Be it known that I, PETER RIETH, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Stove Attachments; and I 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, which form a part of this specification.

This invention relates to devices for attaching a whetstone or similar implement for sharpening knives to a cooking stove or range; and it consists in the jointed construction of the parts forming the attachment, whereby the stone may be raised for use and then lowered out of the way.

It also consists in certain features of construction, which will be hereinafter more fully set forth.

In the drawings, Figure 1 shows the attachment in side elevation secured to the flange of a cooking-stove top, and having the stone raised into position for use. Fig. 2 is a fragmentary top view of the stove with attachment in place. Fig. 3 is a vertical transverse section of the parts through $x x$ of Figs. 1 and 2. Fig. 4 is a similar section of the stone and holder through the clamp at $y y$, Figs. 1 and 2.

A represents the margin or flange of a stove-top, downwardly turned, as commonly constructed.

B B are arms, slotted at their upper ends, as seen in Fig. 3, to set up over the edge of said flange, and provided with clamp-screws C to secure the arms firmly to said flange. Said arms B, as here shown, are disconnected; but they may be rigidly joined by a connecting-bar cast therewith; or, in other words, said arms may constitute clamps upon a bar.

D is a bar intended to hold a sharpening-stone, S, and for this purpose it is provided with the lugs or flanges D', one or more of them having a suitable set-screw, d , by which the stone is clamped to the bar.

E E are links, pivoted at their upper and lower ends, respectively, to the bar D and to the clamps B, and thereby adapted to swing the stone up into the elevated position shown in Fig. 1, in which it is preferably higher than the stove-top, and also to swing the stone downward below the level of the stove-top, where it is less exposed to injury.

The fixed parts or arms B are provided with stops b , which arrest the links E in the inclined position indicated, the incline of said arms being sufficient to prevent the stone being thrown back in applying the knife thereto. Shoulders e on the links E also strike the lugs b when the stone is lowered, and prevent the latter from falling so far as to interfere with the oven-door. The stone is preferably held edge up, both for greater effectiveness in sharpening a knife and as being less prominent when lowered.

Obviously the links E may be pivoted to the arms B, so as to swing directly outward from the stove, instead of parallel therewith, when the stone in such construction will not interfere with the oven-door.

I claim as my invention—

1. In a knife-sharpening attachment for a stove, the combination, with the stone-holder, of clamps pivotally connected with said holder and fitted to the stove, whereby the stone may be raised or lowered, substantially as described.

2. In combination with the stone-holder, and with clamps for securing the attachment to the stove, provided with the lugs b , the links E, pivoted to the holder and to the clamps to carry the stone parallel with the edge of the stove, substantially as described.

In testimony that I claim the foregoing as my invention I affix my signature in presence of two witnesses.

PETER RIETH.

Witnesses:

M. E. DAYTON,
WILLIAM M. STANLEY.