

(No Model.)

T. BUCKLEY.
ADJUSTABLE STOVE BACK.

No. 437,282.

Patented Sept. 30, 1890.

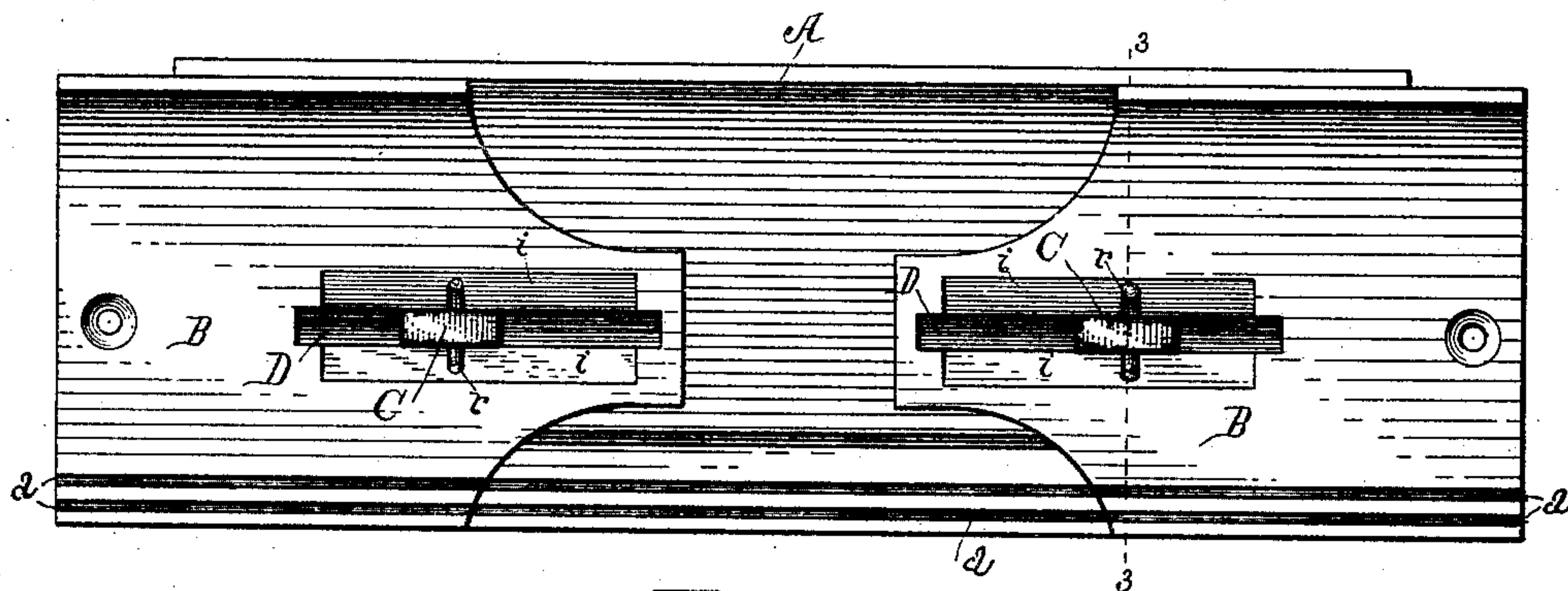


Fig. 1

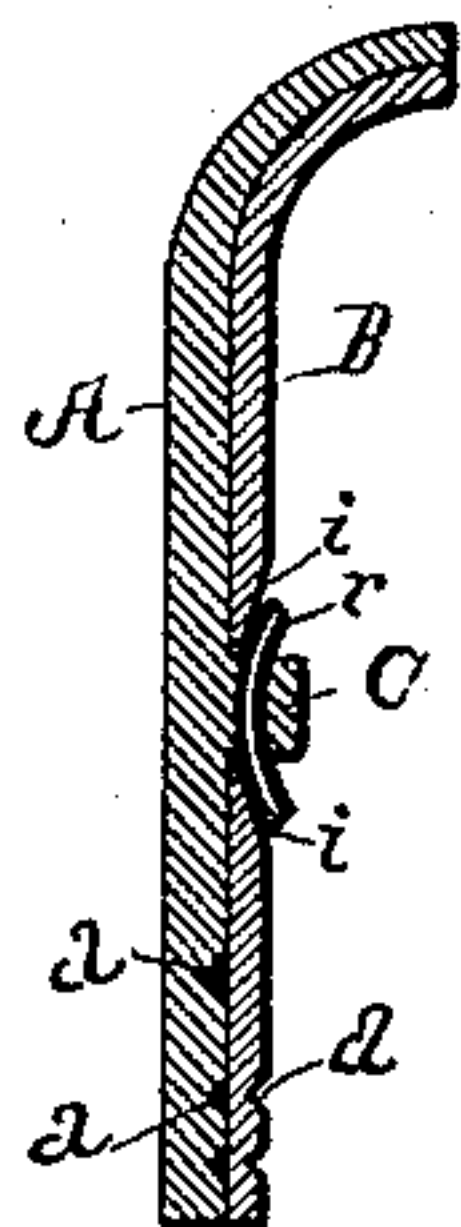


Fig. 2

Witnesses:

Walter S. Wood
Relle Freeman

Inventor.

Thomas Buckley

By Lucius C. West
Att'y

UNITED STATES PATENT OFFICE.

THOMAS BUCKLEY, OF KALAMAZOO, MICHIGAN.

ADJUSTABLE STOVE-BACK.

SPECIFICATION forming part of Letters Patent No. 437,282, dated September 30, 1890.

Application filed February 12, 1890. Serial No. 340,219. (No model.)

To all whom it may concern:

Be it known that I, THOMAS BUCKLEY, a citizen of the United States, residing at Kalamazoo, county of Kalamazoo, State of Michigan, have invented a new and useful Adjustable Stove-Back, of which the following is a specification.

This invention has for its object certain improvements in adjustable stove-backs designed to increase their utility and simplify their construction.

In the drawings forming a part of this specification, Figure 1 is an elevation looking from a point at the right of Fig. 2. Fig. 2 is a section on line 3 3 in Fig. 1, looking from a point at the left.

Referring to the lettered parts of the drawings, A is the main or central casting of the stove-back, and B B are end extensions adjustably attached to the ends of said central casting. The extensions B are provided with a longitudinal slot D, which slot loosely fits onto a lug C, said lug being integral with the main casting A, as here shown, and projecting from the back side thereof; or the lug may be otherwise attached to casting A. The surface of the metal each side of said slot is beveled or inclined, as at *i i*, commencing a little way back and terminating at the edge of the slot at or near the frontface of said extensions B, as clearly shown in Fig. 2. A vertical hole is formed through the lugs C, and through said hole is inserted a key *r*. The object of thus beveling the sides of the slots D is in order that the key will enter the hole in a wedging manner by engaging the incline surfaces *i i* in a curve through the hole, and thus successfully bind the parts A and B together. Another object is that the lug C may be

shorter, and thus not project unduly and interfere with a proper adjustment of the backs in old stoves. By sliding the end extensions outward (which we are enabled to do, owing to the elongated slots D and lugs C) the back is made longer, and by sliding them in a reverse direction they are of course shortened. Thus the length of the stove-back is adjusted to conform to the desired length, according to the size of the stove. If the fire-back should prove too wide in proportion to the depth of the fire-box, the proper adjustment may be made by breaking off a portion of the lower side in and on a line with the creases *a*, as heretofore.

The upper edge of the castings A and B B curve backward, the latter fitting the curve of the former, and this curvature, together with the slots D and the lugs C, form a guide to keep these castings in proper alignment.

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

A stove-back consisting of the main casting provided with the lugs, said lugs having the vertical hole, the end extensions having the elongated horizontal slot with inclined or beveled sides, and the keys adapted to be inserted in said holes and to wedge against the beveled surfaces each side of said slots, substantially as set forth.

In testimony of the foregoing I have hereunto subscribed my name in presence of two witnesses.

THOMAS BUCKLEY.

Witnesses:

FRED R. PHITTSPLACE,
THOS. WILSON.