

R. R. FINCH, Jr.
Stovepipe Collar.

No. 9,968.

Patented Aug. 30, 1853.

Fig:1.

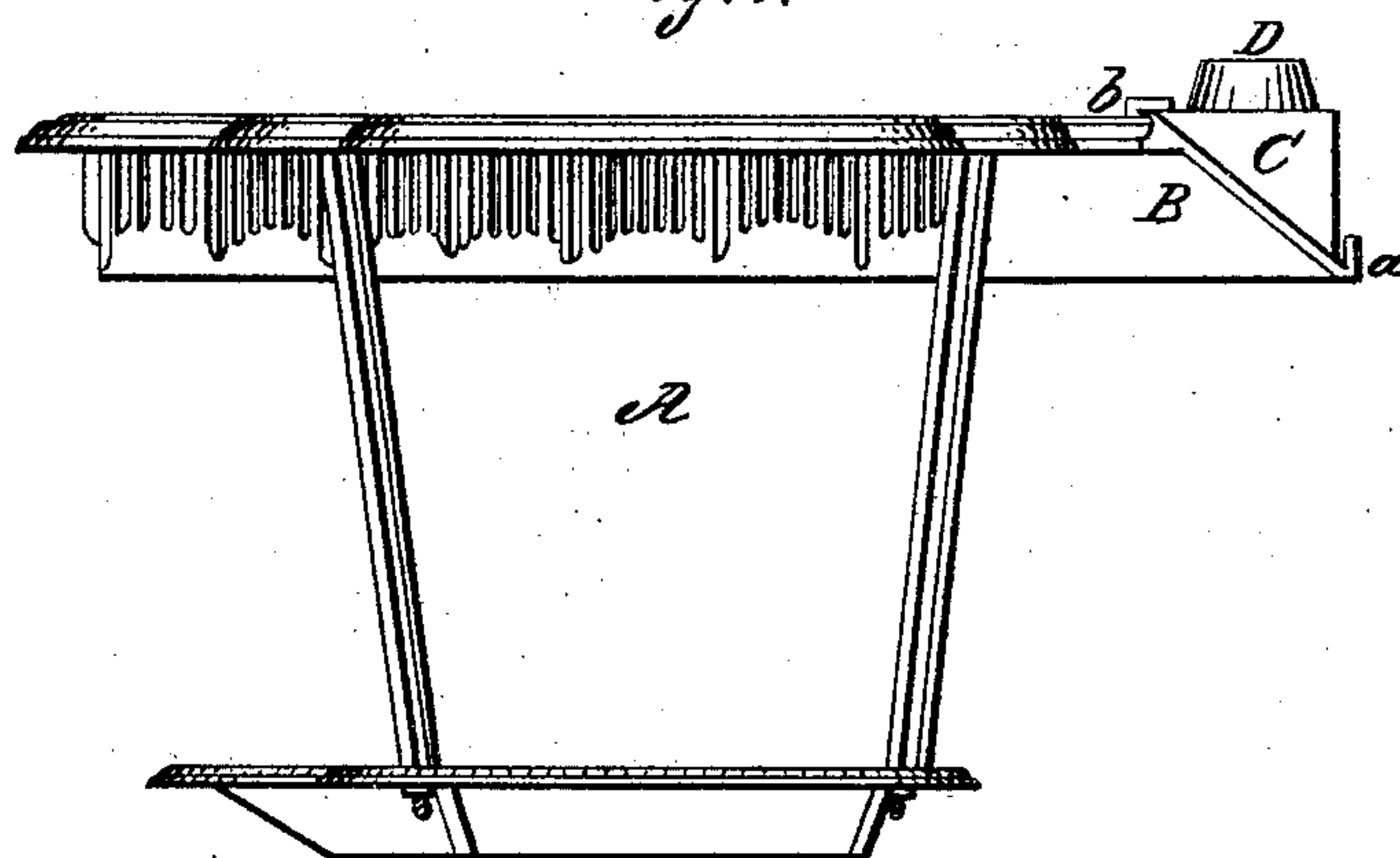
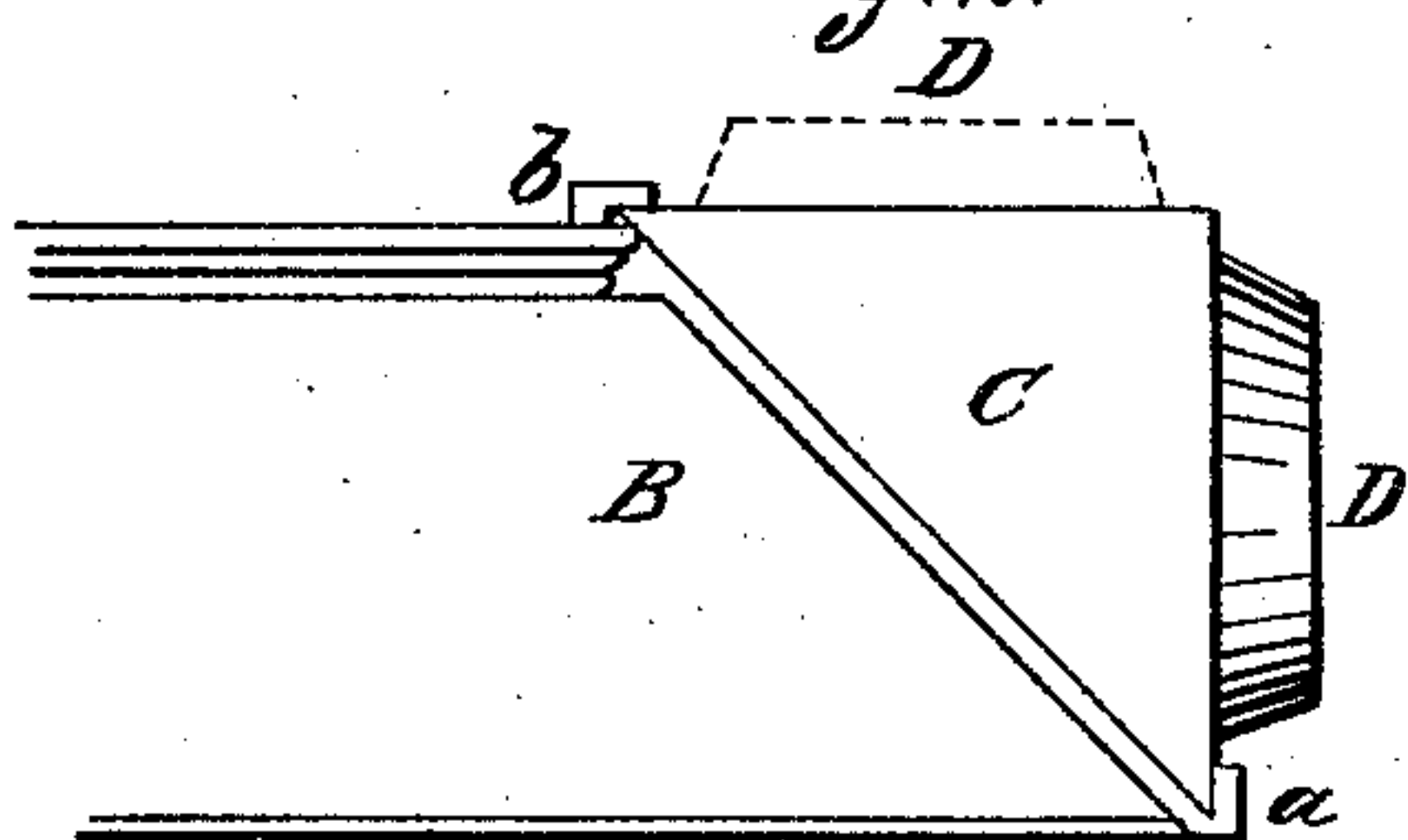


Fig:2.



UNITED STATES PATENT OFFICE.

R. R. FINCH, JR., OF NEW YORK, N. Y.

STOVEPIPE-COLLAR.

Specification of Letters Patent No. 9,968, dated August 30, 1853.

To all whom it may concern:

Be it known that I, R. R. FINCH, JR., of the city, county, and State of New York, have invented a new and useful Device to be Applied to Stoves and which Device I term a "Reversible Stovepipe-Collar;" and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1, is a side view of a stove, with my reversible collar attached. Fig. 2, is an enlarged view of the reversible collar.

Similar letters of reference indicate corresponding parts in each of the two figures.

The nature of my invention consists in having a collar attached to the end of the flue, which projects a short distance from the stove; one side of the collar, as well as the end of the flue being beveled at an angle of 45° . By which arrangement, the collar may be so placed or attached to the end of the flue, that the pipe may project horizontally from the stove, or perpendicularly from it, as desired; said collar being movable or reversible, and fitted to the flue by means of a flanch and button, on the end of said flue.

To enable others skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A, represents a stove; and B, is the flue, which projects a short distance from the stove. The end of this flue, B, is beveled or cut at an angle of 45° , as seen in both figures. At the end of the flue, B, and on its lower edge, there is a flanch, (a), in which the lower edge of the collar, C, rests. The collar, C, is also beveled or cut at an angle of 45° , and it fits snugly against the end of the flue; the lower edge resting in the flanch, (a), as before stated, and the upper

edge being secured, to the flue by a button, (b).

D, is a flanch on the collar, over which flanch, the smoke pipe is fitted. This flanch may be either on the upper part of the collar, or on the end, as seen by the black and red lines in Fig. 2; for, as the collar and end of the flue are beveled at an angle of 45° , the collar may be attached to the flue so as to bring the flanch on the upper surface for a vertical pipe, and by reversing the position of the collar, the flanch will be on the end, and may have a horizontal pipe fitted to it.

Thus, by this simple device, a vertical or horizontal smoke-pipe may be attached to a stove, without any inconvenience. In summer, when the least possible heat is desired in a room, from a cooking stove, the pipe may be made to run horizontally with the chimney, leaving but a small heating surface of pipe in the room; but, in winter, when heat is indispensable, by merely reversing the position of the collar, the pipe may be run vertically into a chamber above, or into the chimney at some distance above the fireplace.

The reversible collar also saves the expense of an elbow at the end of the flue, when the direction of the smoke-pipe is changed.

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

The reversible collar, C, constructed, arranged, and applied to a stove, in the manner and for the purpose substantially as shown and described in the body of the specification.

R. R. FINCH, JUN.

Witnesses:

S. H. WALES,
O. D. MUNN.