

S. SELDEN.
STOVE-PIPE THIMBLE.

No. 185,581.

Patented Dec. 19, 1876.

Fig. 1.

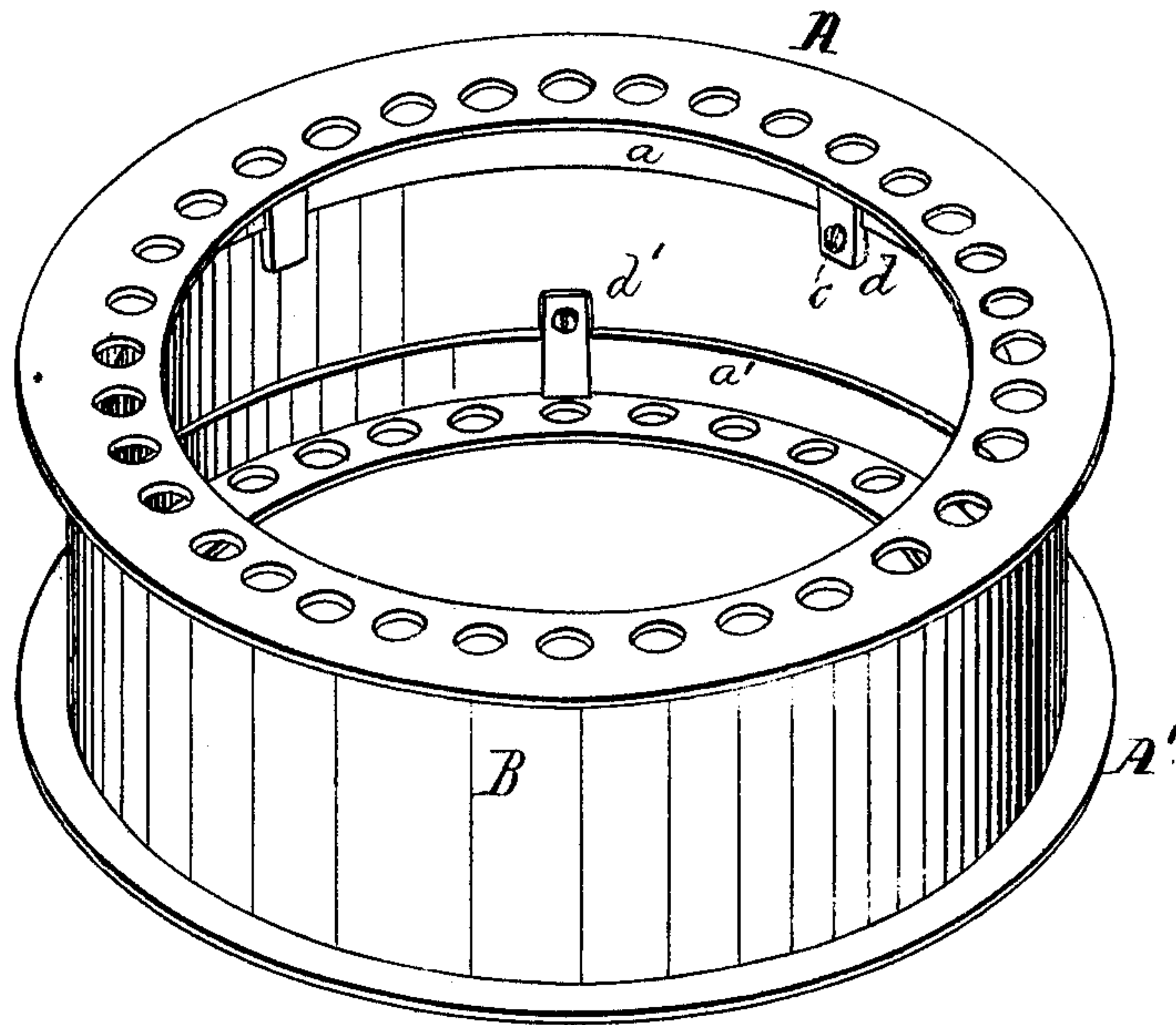
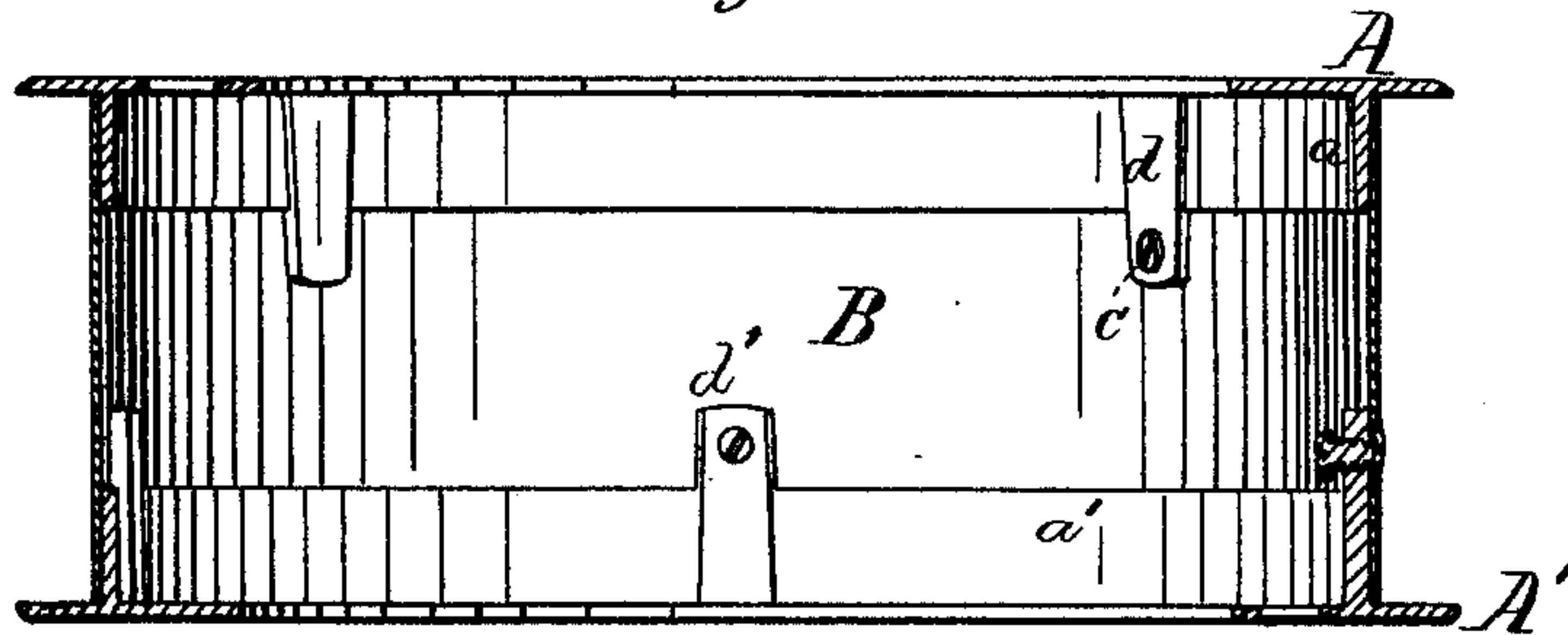


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

SAMUEL SELDEN, OF ERIE, PENNSYLVANIA.

IMPROVEMENT IN STOVE-PIPE THIMBLES.

Specification forming part of Letters Patent No. **185,581**, dated December 19, 1876; application filed September 20, 1876.

To all whom it may concern :

Be it known that I, SAMUEL SELDEN, of Erie, county of Erie, State of Pennsylvania, have invented a new and useful Improvement in Stove-Pipe Thimbles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, making part of this specification, in which—

Figure 1 is a perspective view of my improved thimble, and Fig. 2 represents a central longitudinal section through the same.

Similar letters of reference denote corresponding parts in both figures.

My invention relates to a novel construction of safety stove-pipe thimble, adapting it to be readily adjusted in length to suit the partition through which the stove-pipe is to pass; and consists in providing the flanged rings, to which the connecting-sleeves are attached, with lugs and set-screws, or equivalent devices, by means of which the rings can be adjusted upon the sleeves, and held at any desired distance apart, for adapting them to the thickness of the partition to which they are applied, as hereinafter explained.

In the accompanying drawings, A A' represent the rings provided upon their inner or adjacent faces, and near their outer edges, with annular flanges *a a'*, adapted to receive and slide within the sleeve or cylinder B. Inside of the flanges the rings A A' are provided with a series of perforations, as shown, or where but a single outer cylinder, B, is employed, the inner circle or edges of said rings may be scalloped, to permit the free passage of air around the inclosed stove-pipe, which,

in this case, will rest upon and be supported by the circle of points of the scallops. Where preferred, however, the rings may be provided, near their inner edges within the circle of perforations, with other annular flanges, adapting them to receive an inner cylinder, the circle of perforations providing for the free circulation of air between the two.

The flanges *a a'* are provided with lugs or ears *d d'*, perforated to receive set-screws *c c*, or other suitable fastening device, such as will impinge upon the cylinder B, and hold the rings A in any desired relation of adjustment thereto.

By this arrangement the rings can be readily adjusted upon the sleeve to suit the thickness of the partition to which they are applied, and when applied to a ceiling or horizontal partition the fastenings referred to further serve the important function of preventing the lower ring from dropping out of place.

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

A stove-pipe thimble composed of the perforated and flanged rings A A', and cylinder B, in combination with perforated lugs *d d'*, and fastening devices *c*, arranged and operating substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand this 1st day of July, A. D. 1876.

SAM. SELDEN.

Witnesses:

MATTHEW GRISWOLD, Jr.,
S. S. SPENCER.