S. SELDEN, M. GRISWOLD, Jr. & O. R. HANCHETT.

STOVE-PIPE THIMBLE.

No. 190,986. Patented May 22, 1877.

*Fig. 1.*

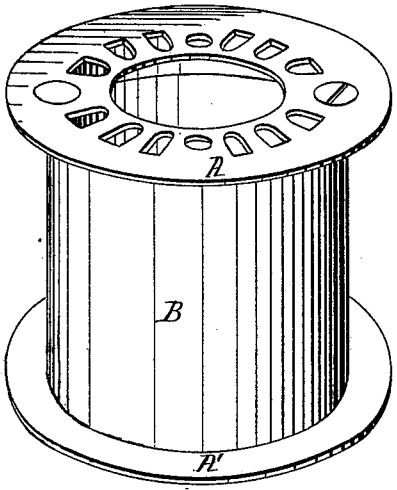



*Fig. 2.*

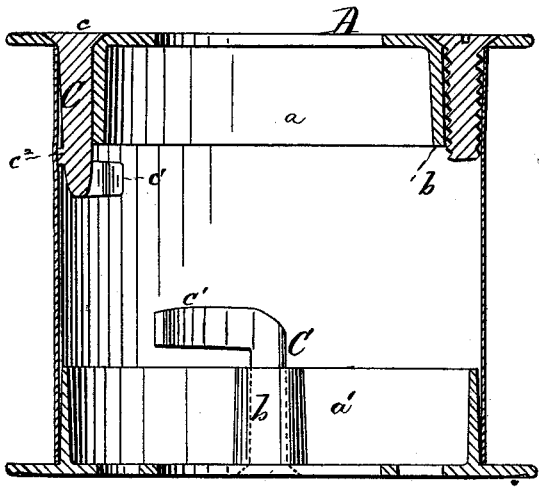



*Fig. 3.*

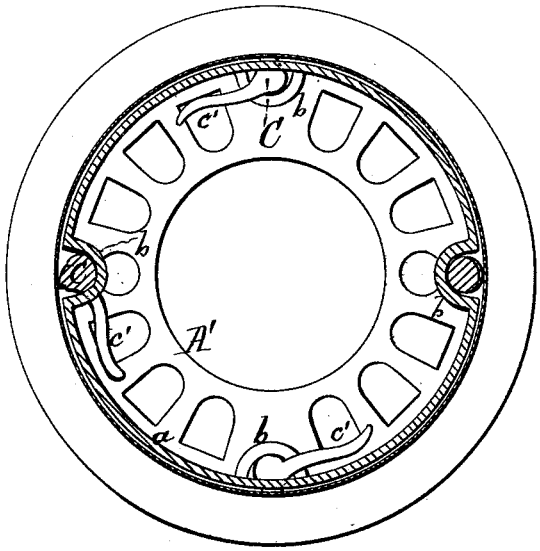
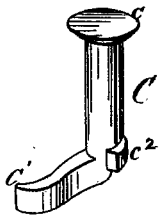



*Fig. 4.*

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN STOVE-PIPE THIMBLES.

Specification forming part of Letters Patent No. **190,986**, dated May 22, 1877; application filed March 24, 1877.

*To all whom it may concern:*

Be it known that we, SAMUEL SELDEN, MATTHEW GRISWOLD, Jr., and ORIN R. HANCHETT, all of the city and county of Erie, State of Pennsylvania, have invented certain new and useful Improvements 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 the improved thimble. Fig. 2 is a central longitudinal section of the same. Fig. 3 is a transverse section, and Fig. 4 is a perspective view of the pin or device by which the sleeve or cylinder is connected to the rings.

Similar letters of reference denote corresponding parts wherever used.

The invention relates to a novel construction of stove-pipe thimble, adapted to be readily lengthened or shortened to suit the wall or partition to which it is to be applied; and it consists in providing the circular flanges of the rings or heads with notches or semicircular indentations for receiving the fastening devices by which the sleeve or cylinder is connected to the head, as hereinafter explained. It further consists in a novel construction of fastening-pin, also hereinafter described.

In the accompanying drawings, A A′ represent the heads or rings, provided on their inner faces with annular flanges *a a′*, for receiving the cylinder or sleeve B. These flanges are notched or are provided with semicircular grooves or indentations *b b* on their outer faces, for the reception of the holding device or pin. C is a pin, provided with the usual head *c*, which is countersunk in the head A, as shown in Figs. 1 and 2. The inner end of this pin has an arm or lever, $c^1$, formed upon it, and is further provided with a curved or eccentric spur, $c^2$. These pins fit into and have their bearings in the notches or semicircular indentations in the flanges *a a′*, and when in place one face or side rests against the sleeve or cylinder, while the other rests in the notch *b*, the arm $c^1$ and spur $c^2$ extending below the surface of the flanges *a a′*.

When the parts have been adjusted to suit the thickness of wall or partition, by turning the pin (which is done by means of the arm or lever $c^1$) so that the spur $c^2$ is brought against the cylinder, said cylinder, or that portion against which the spur is pressed, will be forced outward from the flanges, drawing the other portion of said cylinder down snugly upon the flange, causing it to grasp the latter, and thus to be held firmly connected therewith.

If desired, the handle or arm $c^1$ on the pin C may be dispensed with, and a notch cut in the head, so that said pin may be turned by a screw-driver from the front.

The form of the devices employed for pressing or wedging the cylinder from the flanges, and thus holding them in place, may be varied—as, for example, a screw, as shown in Fig. 2, fitting within the sockets or indentations *b*, the threads of which come in contact with the face of the cylinder, and press it out; or a wedge of any desired construction may be forced into said socket for wedging, and thus holding the parts in place.

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

1. The flanges *a* on the head A, provided with the notches or semicircular indentations *b*, for the reception of the holding devices, for connecting the sleeve or cylinder with the head, substantially as and for the purpose described.

2. The flanges *a*, provided with the notches *b*, and sleeve or cylinder B, in combination with the pin C, or equivalent device, for holding said parts in position, substantially as described.

3. The pin C, provided with the spur or cam $c^2$, in combination with the annular flange *a* on the head A, for the reception of the sleeve or pipe B, substantially as described.

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Witnesses:
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