M. McQUIRE.

Stove-Pipe Thimble.

No. 217.233. Patented July 8, 1879.

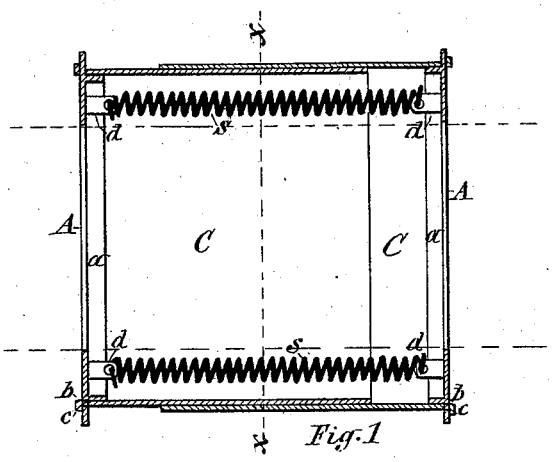

Fig. 1

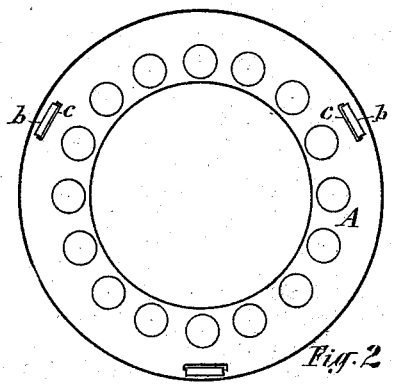

Fig. 2

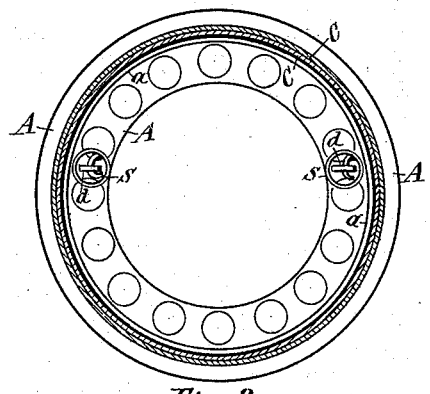

Fig. 3

WITNESSES:

A. Wood

C. Bendixen.

INVENTOR:

Michael McQuire

per E. Saass, his atty.

UNITED STATES PATENT OFFICE.

MICHAEL McQUIRE, OF BALDWINSVILLE, NEW YORK, ASSIGNOR TO JAMES L. VOORHEES AND JOHN S. VOORHEES, OF SAME PLACE, ONE-THIRD TO EACH.

IMPROVEMENT IN STOVE-PIPE THIMBLES.

Specification forming part of Letters Patent No. **217,233**, dated July 8, 1879; application filed April 26, 1879.

To all whom it may concern:

Be it known that I, MICHAEL McQUIRE, of Baldwinsville, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Stove-Pipe Thimbles, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to stove-pipe thimbles designed to be adjustable to the thickness of the wall or ceiling to be penetrated by the stove-pipe; and it consists in a novel construction and combination of telescopic cylindric sections provided at their respective outer ends with a collar, and connected with each other by tension-springs, all as hereinafter more fully described.

The invention is fully illustrated in the accompanying drawings, wherein Figure 1 is a longitudinal section of the stove-pipe thimble partially extended; Fig. 2, an end view of same, and Fig. 3 a transverse section on line *x x* in Fig. 1.

Similar letters of reference indicate corresponding parts.

A A are two annular rims, constituting the abutting shoulders or collars at the ends of the thimble. Each of the said rims is provided on its inner surface with an annular flange, *a*, concentric with the central opening of the rim, and at the outside of the said flange are slots or apertures *b* through the rim. To each of the rims A is connected a separate cylinder, C, which is fitted to the exterior of the flange *a*, and provided at its end with tongues or prongs *c*, extending through the apertures *b* in the rim and clinched upon the outside thereof.

The flange *a* of one rim is larger in circumference than that of the other rim, so that the cylinder connected with the former is allowed to slide over the cylinder connected with the latter. Inside of the flange *a* are ears or lugs *d*, attached to the inner surface of the rim A. From each of the said ears of one rim to those of the other rim, respectively, are extended tension-springs *s*, which yieldingly draw the cylinders toward each other, and allow them to be extended according to the thickness of the wall or ceiling to which the thimble is to be applied.

Having described my invention, what I claim is—

The combination of the rims A A, provided, respectively, with the annular flange *a*, slots *b*, and ears *d*, the telescopic cylinders C C, fitted to the external periphery of the flange *a* of their respective rim A, and having tongues *c* extended through apertures or slots *b* and clinched upon the outside of the rim, and the springs *s*, connected at their ends, respectively, with the ears of the two rims, all constructed and combined substantially as described and shown, for the purpose set forth.

In testimony whereof I have signed my name and affixed my seal in the presence of two attesting witnesses at Baldwinsville, in the county of Onondaga and State of New York, this 21st day of April, 1879.

MICHAEL McQUIRE. [L. S.]

Witnesses:
LAMENT BISDEE,
JAMES L. VOORHEES.