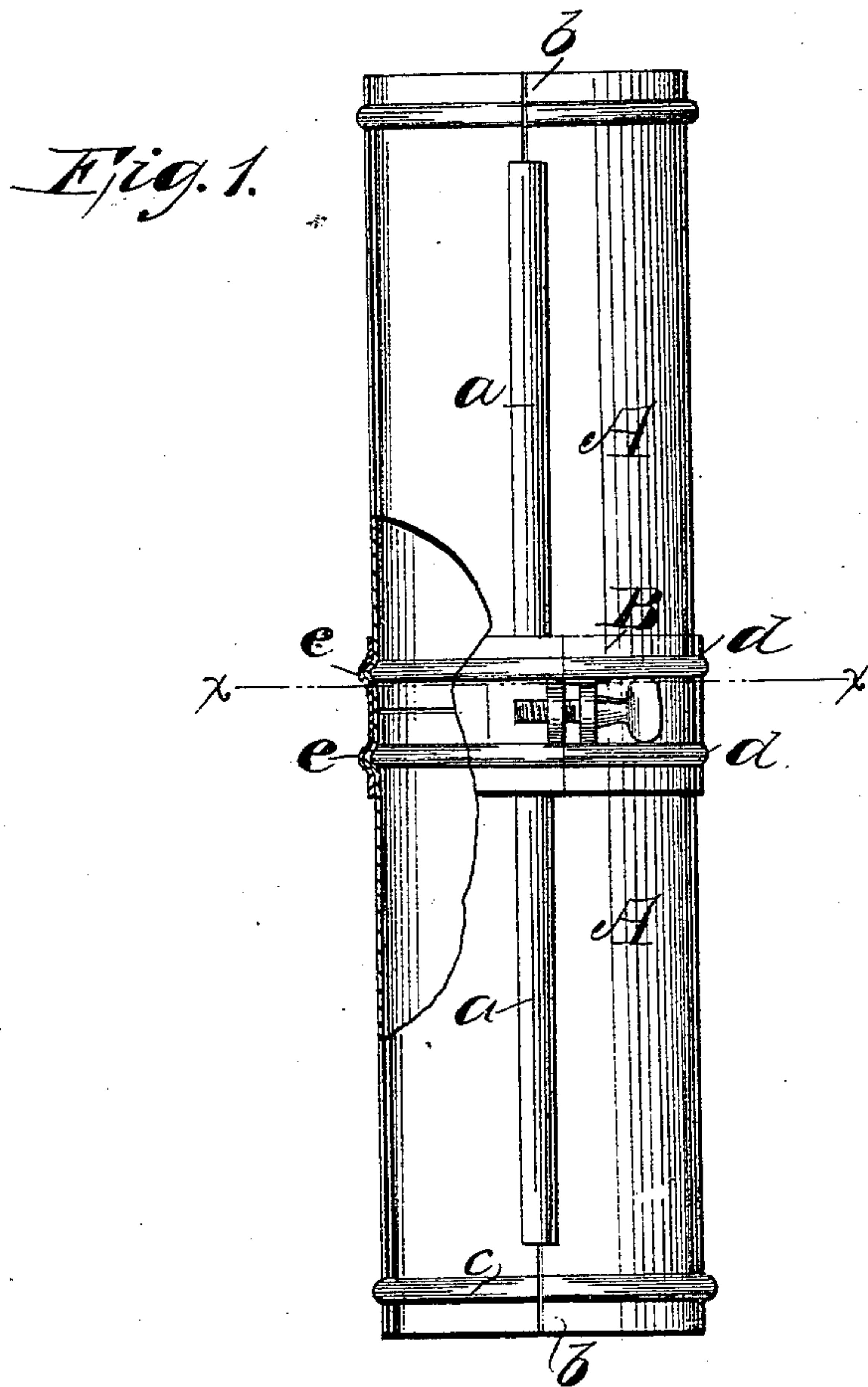


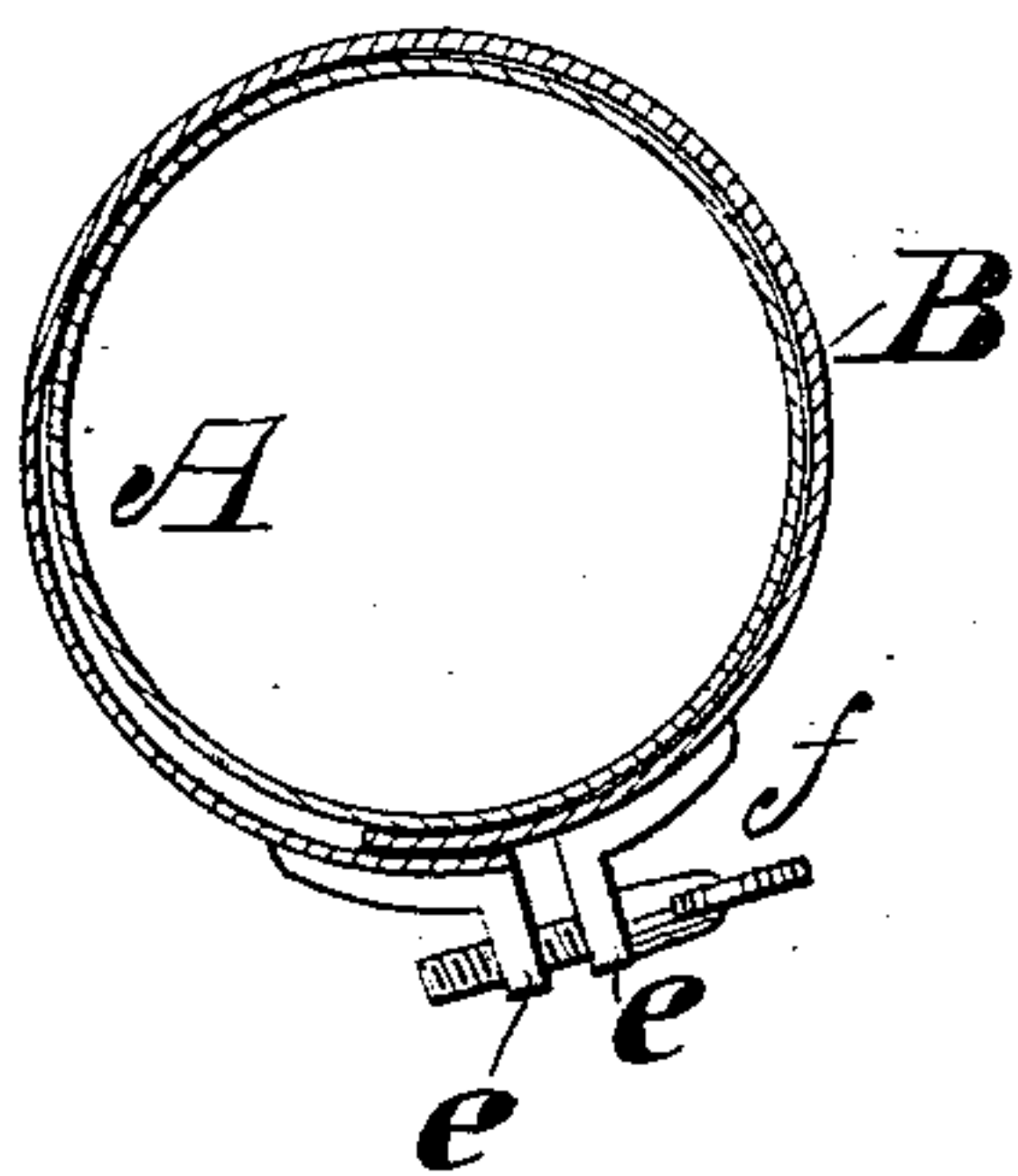
D. L. MILLIKEN & O. M. PILLSBURY.  
JOINT FOR STOVE PIPE.

No. 64,552.

Patented May 7, 1867.



*Fig. 2.*



Witnesses:

Theo. Fische  
J. A. Service

Inventors:

O. M. Pillsbury  
D. L. Milliken  
Per *H. M. Co.*  
Attorneys

# United States Patent Office.

DANIEL L. MILLIKEN, OF BRATTLEBORO, VERMONT, AND O. M. PILLSBURY,  
OF CLAREMONT, NEW HAMPSHIRE.

*Letters Patent No. 64,552, dated May 7, 1867.*

## JOINT FOR STOVE PIPE.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that we, O. M. PILLSBURY, of Claremont, Sullivan county, New Hampshire, and D. L. MILLIKEN, of Brattleboro, Windham county, Vermont, have invented a new and improved Joint for Stove Pipes; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and improved manner of securing together the sections or lengths of stove pipes, as hereinafter fully shown and described, whereby a stove pipe may be readily put up and taken down, and the sections or lengths firmly connected together, very close or tight joints being obtained, which will effectually prevent the escape through them of either smoke or fire. In the accompanying sheet of drawings—

Figure 1 is an external view of the lengths or sections of a stove pipe connected together by our invention.

Figure 2, a cross-section of the same taken in the line *z z*, fig. 1.

Similar letters of reference indicate corresponding parts.

A A represent two lengths or sections of a stove pipe constructed as usual, with the exception that the lapped or lock-joints, *a*, do not extend the whole length of the sections, a space, *b*, being left at each end of each section where the edges of the sheet metal simply abut against each other, (see fig. 1.) The sections A are swaged or grooved circumferentially, so as to form a bead, *c*, around them, one near each end, as shown in fig. 1. B represents a collar or band, which may be constructed of sheet metal of the same kind as that of which the sections A are constructed. This collar or band is also swaged or grooved circumferentially, to form two beads, *d d*, which project from the exterior surface of the collar or band, and form grooves at the inner side thereof. This collar or band does not have its ends permanently attached, but is provided near each end with a projecting ear or lug, *e*, through which a screw, *f*, passes, and by turning which the collar or band may be drawn snugly around the ends of the adjoining sections A A, the collar or band fitting over the portions of the ends of the sections, so that the lap or lock-joint *a* will not interfere with it, and the beads *c* of the sections fitting in the grooves in the inner side of the collar formed by the beads *d*. By this simple means the sections A A are connected by a very close or firm joint, which will effectually prevent the escape of either smoke or fire, and which cannot become casually disconnected.

We claim as new, and desire to secure by Letters Patent—

The adjustable band B, provided with circumferentially-swaged grooves *b*, fitting over the corresponding heads *c*, near the ends of the sections A of the stove pipe, as herein shown and described, for the purpose specified.

DAN. L. MILLIKEN,  
O. M. PILLSBURY.

Witnesses for MILLIKEN:

WM. F. McNAMARA,

ALEX. F. ROBERTS.

Witnesses for PILLSBURY:

CHARLES PARKHURST.

SIMEON IDE.