W. N. HALL.

Fender for Fire Places.

No. 124,132. Patented Feb. 27, 1872.

Fig. 1.

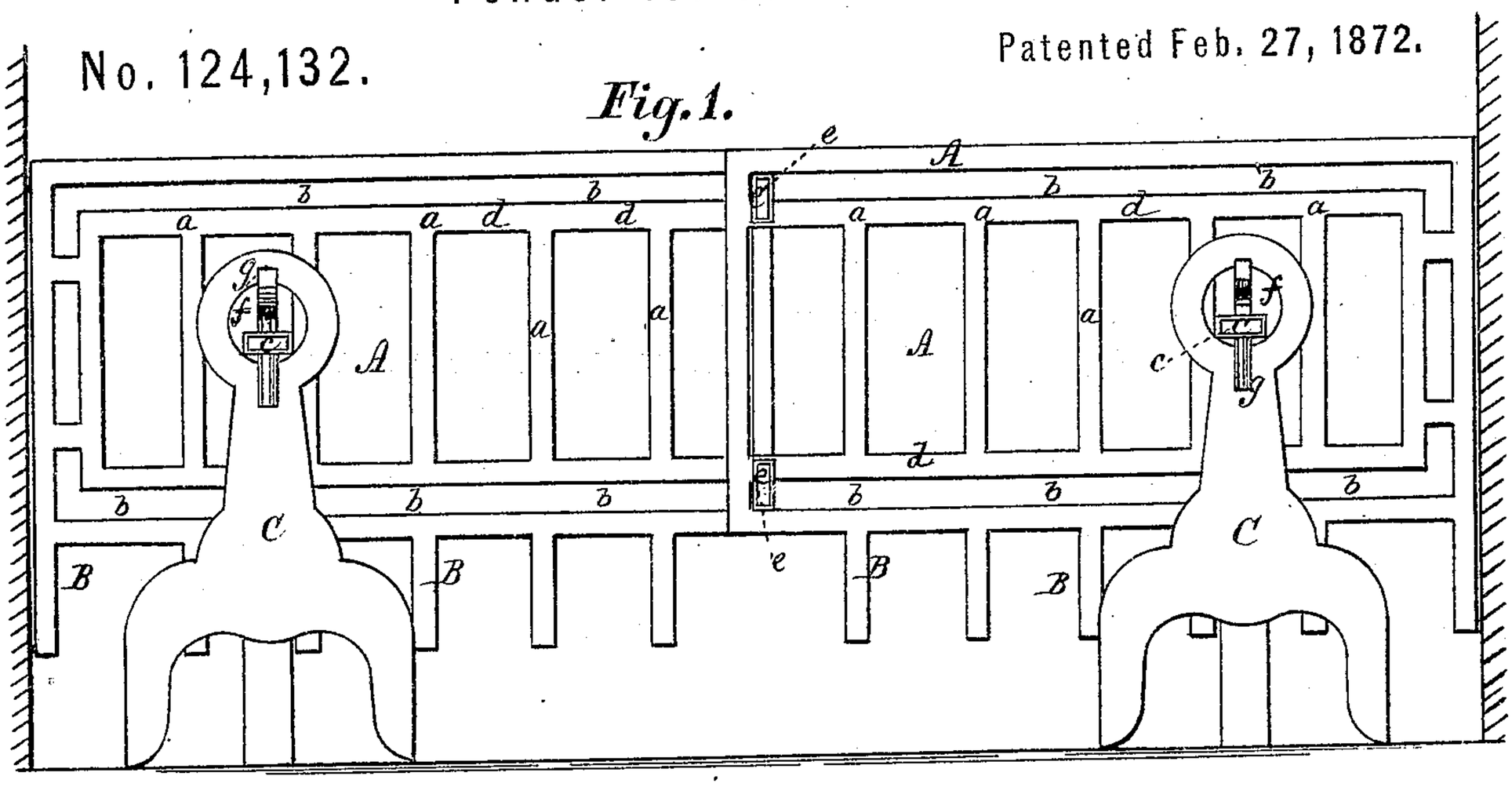


Fig. 2.

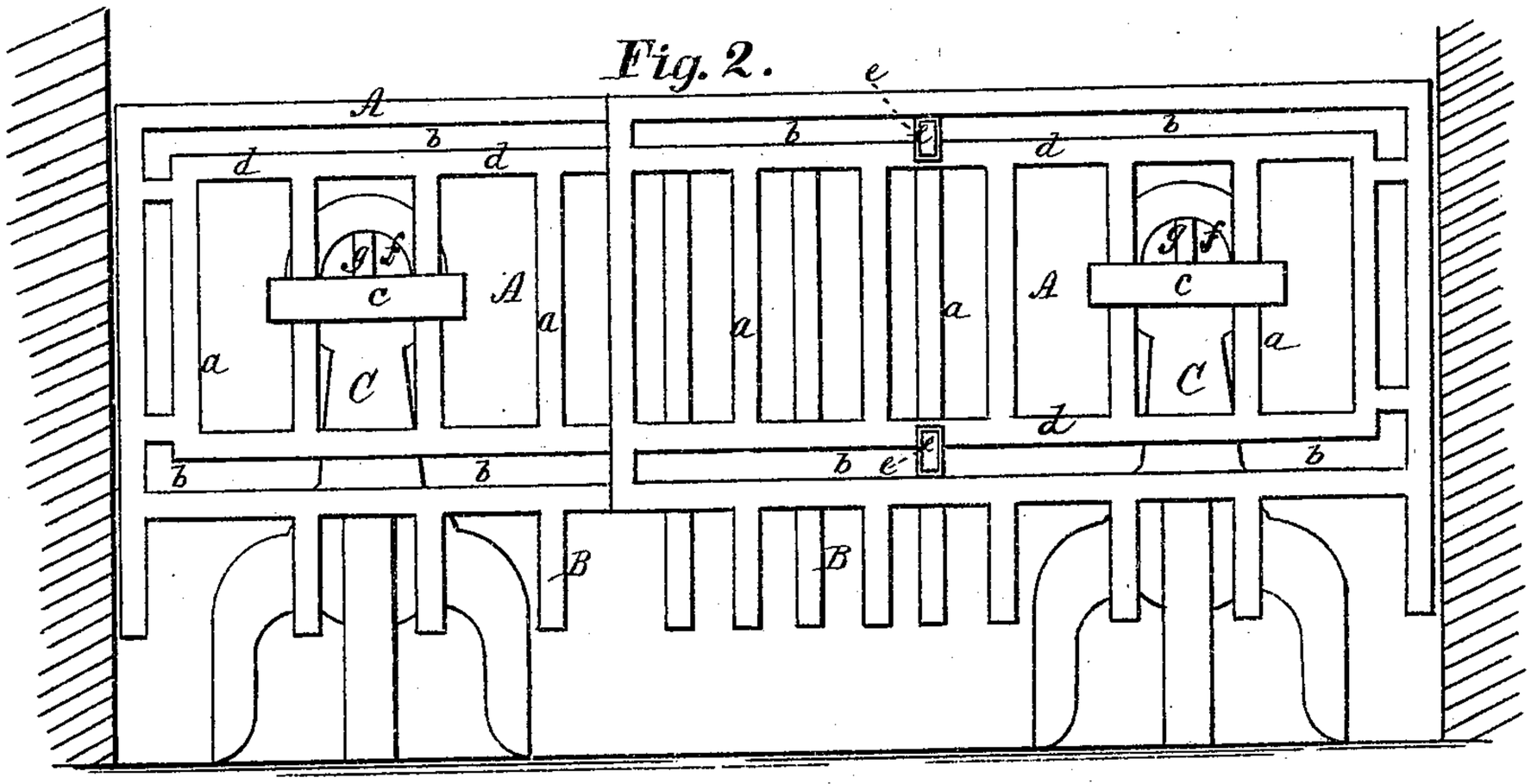
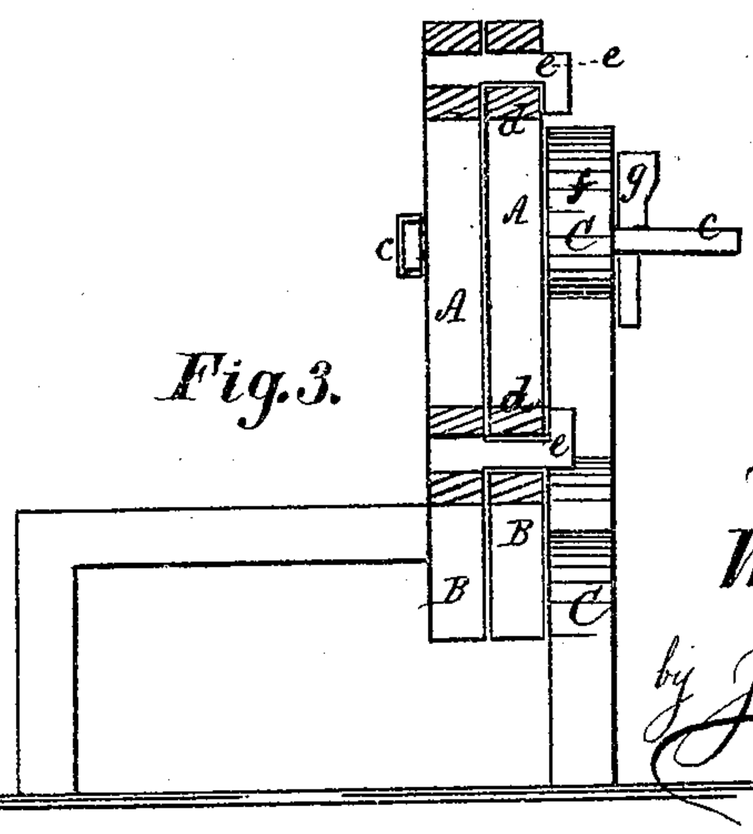


Fig. 3.



Witnesses:

J. West Wagner

Parker H. Sweet, Jr.

Inventor:

William N. Hall,

by Johnson, Klaucke & Co

his attorneys

124,132

UNITED STATES PATENT OFFICE.

WILLIAM N. HALL, OF SPRINGFIELD, TEXAS.

IMPROVEMENT IN FIRE-PLACE FENDERS.

Specification forming part of Letters Patent No. 124,132, dated February 27, 1872.

To all whom it may concern:

Be it known that I, WILLIAM N. HALL, of Springfield, in the county of Limestone and State of Texas, have invented certain new and useful Improvements in Extensible Fenders for Fire-Places, of which the following is a specification:

The object of my invention is to furnish an extensible fender adapted for large or small fire-places; and it consists of two divisions or sections cast so as to form longitudinal openings at the top and bottom of the grating, in which suitable connecting devices of each division project to effect the expansion and contraction of the fender, which is supported upon andirons and secured thereto in proper position, as will be hereinafter more fully described.

In the accompanying drawing, Figure 1 represents a front elevation of my improvement, showing the fender-grate extended. Fig. 2 represents a rear view of the same, showing it partly contracted; and Fig. 3 represents a vertical cross-section.

Each division or section A of the fender in the example shown is cast so as to form an inner grating, *a*, and longitudinal spaces *b* at top and bottom of said grating. B are continuations of the fender-bars, which straddle the andirons C, and serve as a means for contracting and extending the fender and for holding it in place. Extending at right angles horizontally from the inner ends of these divisions A are wrought-iron L-shaped tongues *e*, which project through the longitudinal spaces *b* and seize over the bars *d*, and hold the divisions firmly together in the extension and contraction of the fender. Other suitable means, however, may be employed for the purpose. This device is shown in Fig. 3 of the drawing more clearly. As an additional means of securing the fender in its vertical position to the andirons, T-shaped keys *c* are made to pass from the rear of the fender through the bars and through eyes *f* in the andirons, and are locked by stop-pins *g*.

It is obvious that if the andirons are not provided with eyes, a differently-constructed key may be used. It will be readily understood that in placing and adapting the fender to fire-places, it is extended until its end bars are flush with the jam of the chimney, thus firmly supporting it in place; and also that when andirons cannot be used the divisions of the fender, being held firmly together by the tongues *e*, can be suitable secured to the jam of the chimney.

Having thus described my invention, I claim—

1. The longitudinally-extensible fender for fire-places, composed of two divisions, each sliding in ways of the other, substantially as and for the purpose described.

2. The longitudinally-extensible fender held together by tongues *e* to admit of longitudinal adjustment, substantially as described.

3. The longitudinally-extensible fender supported upon andirons, as described, and secured thereto by keys *c*, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two witnesses this 18th day of October, A. D. 1871.

WILLIAM N. HALL.

Witnesses:

S. J. WEAVER,

W. B. BONNER.