

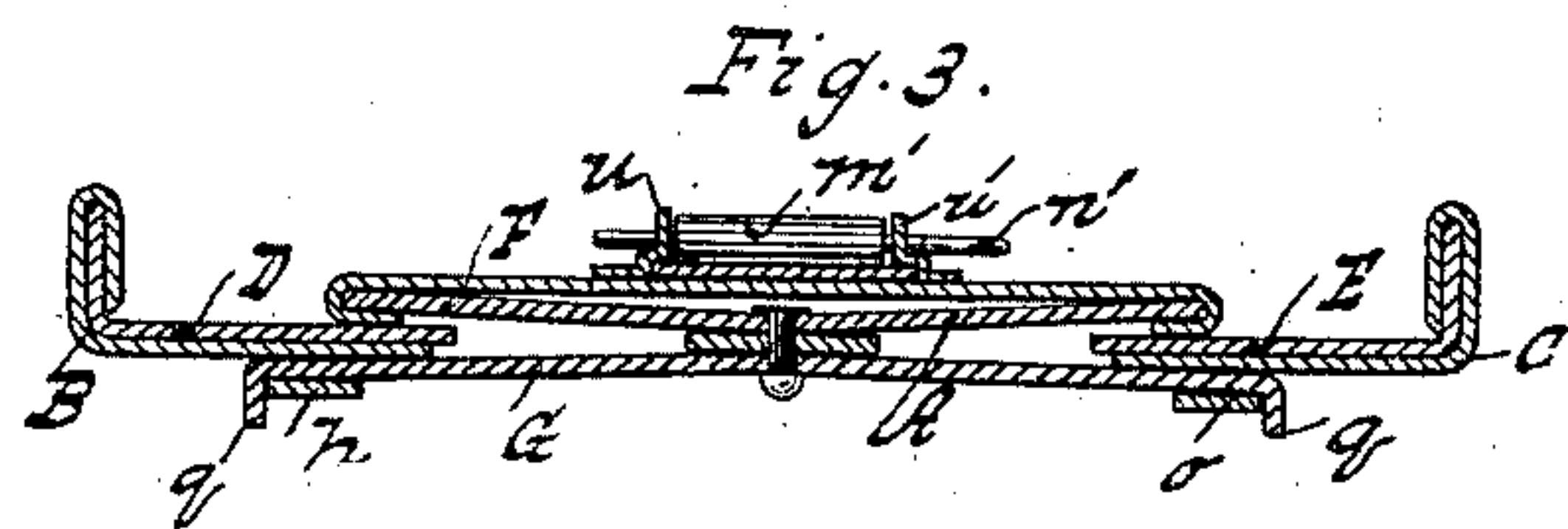
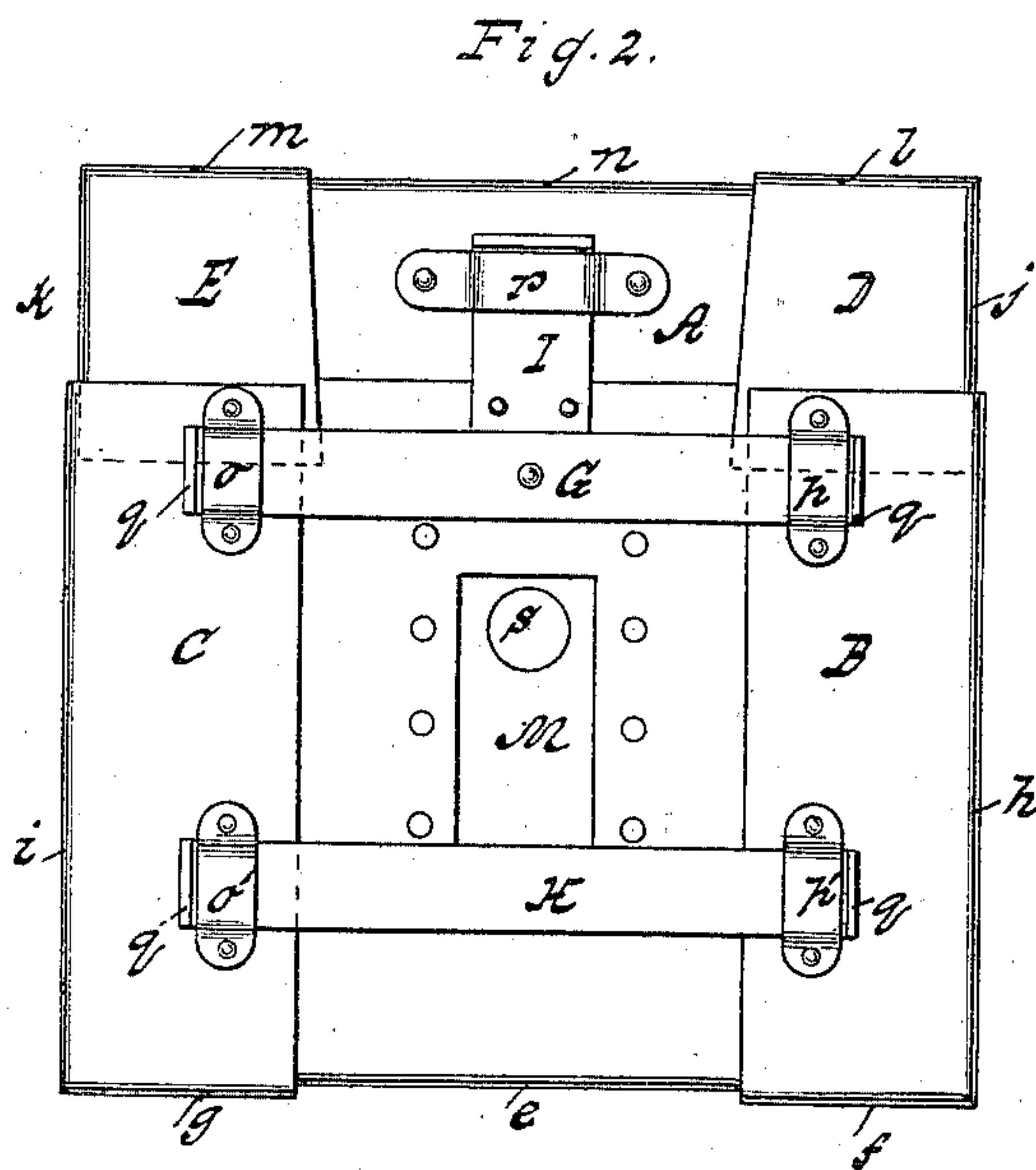
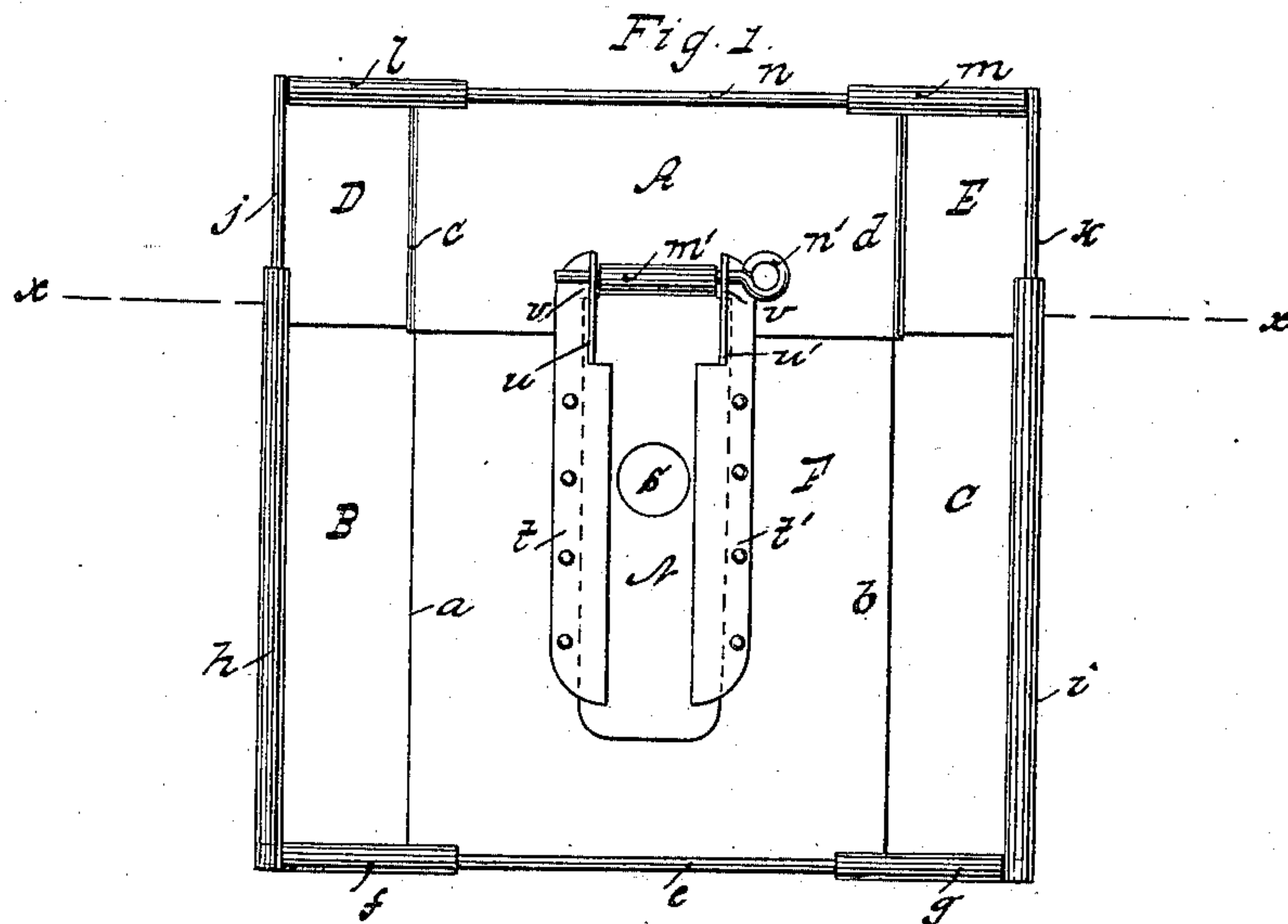
(No Model.)

M. GALLAGHER.

FIRE BOARD.

No. 319,221.

Patented June 2, 1885.



WITNESSES:

William Miller  
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INVENTOR

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BY

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# UNITED STATES PATENT OFFICE.

MICHAEL GALLAGHER, OF NEW YORK, N. Y.

## FIRE-BOARD.

SPECIFICATION forming part of Letters Patent No. 319,221, dated June 2, 1885.

Application filed February 16, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, MICHAEL GALLAGHER, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Fire-Boards, of which the following is a specification.

My invention consists in a fire-board composed of a top section, side sections, corner sections, a center piece, suitably beaded together, guides secured to the side sections, guide-bars which engage said guides, a guide secured to the top section, and a guide-bar secured to the center piece, and engaging the said guide, and also in the combination, with a fire-board having an opening, attached guides, and perforated lateral projections, of a slide having an opening and a bead, and a pin passing through the projections and the bead for supporting the slide; and, furthermore, it consists in the combination, with a top section, side sections, corner sections, and the center piece, suitably beaded together, of guides secured to the side sections, guide-bars which engage said guides, a guide secured to the top sections, a guide-bar secured to the center piece and engaging said guide, an aperture formed in the fire-board, an adjustable slide which covers the aperture, and an opening formed therein for receiving the stove-pipe.

In the accompanying drawings, Figure 1 represents a front view of my improved fire-board. Fig. 2 is a back view of the same. Fig. 3 is a longitudinal section in the plane *x x*, Fig. 1.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates the top section of the fire-board. B and C are the side sections. D and E are the corner sections, and F is the center piece.

In the manufacture of the fire-boards the sides of the center piece, F, are bent backward to form flat beads *a b*, and corresponding flat beads are formed on the sides *c d* of the top section, which fit over and can slide on the beads *a b* in the direction of their length.

On the lower edge of the center piece is formed a bead, *e*, over which fit beads *f g*, formed on the lower edges of the side sections, B C, and on the outer side edges of the side sections are formed flat beads *h i*, which en-

gage with corresponding beads *j k*, formed on the corner sections, D E, and on the top edges of said corner sections are beads *l m*, which engage a corresponding bead, *n*, on the top edge of the top section, A.

In order to hold the fire-board together and keep it stiff, guides *o p* and *o' p'*, Figs. 2 and 3, are secured opposite to each other on the back of the side sections, B C, and said guides are engaged by the guide-bars G H, which are provided with suitable projections or stops, *q*, in order to limit the motion of the sections.

To limit and guide the motion of the top section, A, a guideway, *r*, is formed on said section, which is engaged by a guide-bar, I, secured to the center piece, F. When the sections are beaded together, as described, the top piece, A, slides over the front of the center piece, the side sections, B C, slide over the back of the center piece, and the corner sections, D E, slide back of the top section, A, and over the front of the side sections. It is also evident that the corner sections, D E, can be moved outward and inward with either the side sections or the top section.

In the center piece, F, is formed an aperture, M, and covering said aperture is a slide, N, which fits in guide-bars *t t'*, secured to the front of the center piece, F, and it is provided with an opening, *s*, for the introduction of the stove-pipe.

Integral with the guide-bars *t t'*, or separately secured to the center piece, are projections *u u'*, which are provided with a series of holes, *v*, and by passing a pin, *w'*, through said holes and a bead, *m'*, formed on the top of the slide N, the slide can be retained in any desired position. The slide N, as described, can also be used with an ordinary fire-board.

The advantages of my fire-board are that it can be easily adjusted to any fire-place, and by simply changing the slide it can be used for any size of stove-pipe, thereby rendering cutting of the center piece unnecessary, and the height of opening for the entrance of the stove-pipe can be adjusted to suit.

What I claim as new, and desire to secure by Letters Patent, is—

1. An adjustable fire-board consisting of the top section, A, the side sections, B C, the corner sections, D E, the center piece, F, suitably



beaded together, guides secured to the side sections, the guide-bars which engage said guides, the guide secured to the top section, and the guide-bar secured to the center piece 5 and engaging the said guide.

2. The combination of a fire-board having an opening, M, attached guides  $t t'$ , and perforated lateral projections  $u u'$ , a slide, N, in the guides, having an opening, S, and a bead, 10  $m'$ , and a pin,  $n'$ , passing through the projections, and the bead for supporting the slide, substantially as described.

3. The combination, substantially as hereinbefore described, with the top section, A, 15 the side sections, B C, the corner sections, D E, and the center piece, F, suitably beaded together, of guides secured to the side sections,

the guide-bars which engage said guides, the guides secured to the top section, the guide-bar secured to the center piece and engaging 20 said guide, an aperture, M, formed in the fire-board, the adjustable slide N, which covers the aperture, and the opening  $s$ , formed therein for the reception of the stove-pipe.

In testimony whereof I have hereunto set my 25 hand and seal in the presence of two subscribing witnesses.

MICHAEL <sup>his</sup> × GALLAGHER. [L. S.]  
mark.

Witnesses:

W. HAUFF,  
A. FABER DU FAUR, Jr.