

(No Model.)

F. G. JANUSCH.

FIRE PLACE FRAME.

No. 372,417.

Patented Nov. 1, 1887.

Fig. 1.

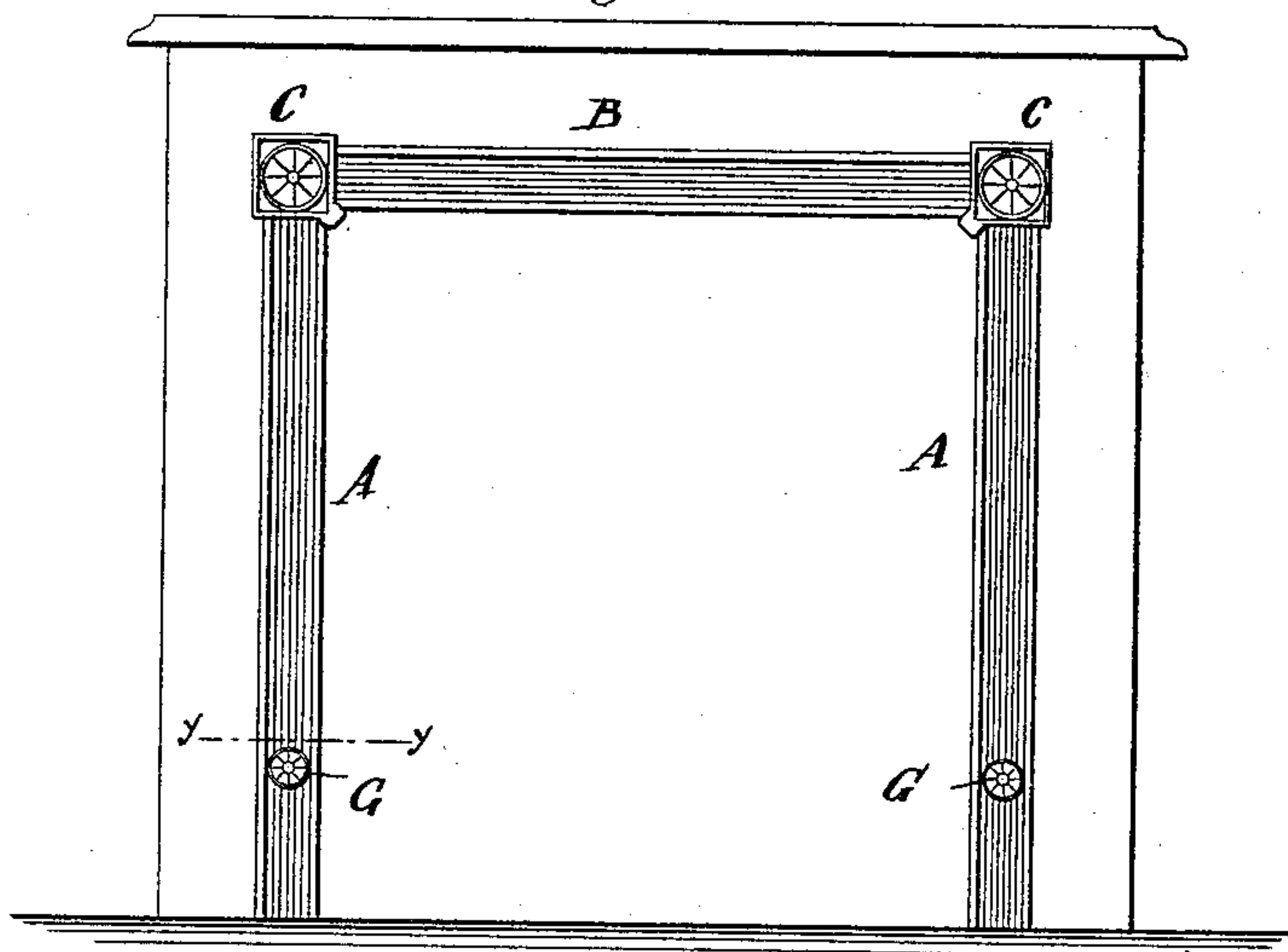


Fig. 2.

Fig. 4.

Fig. 5.

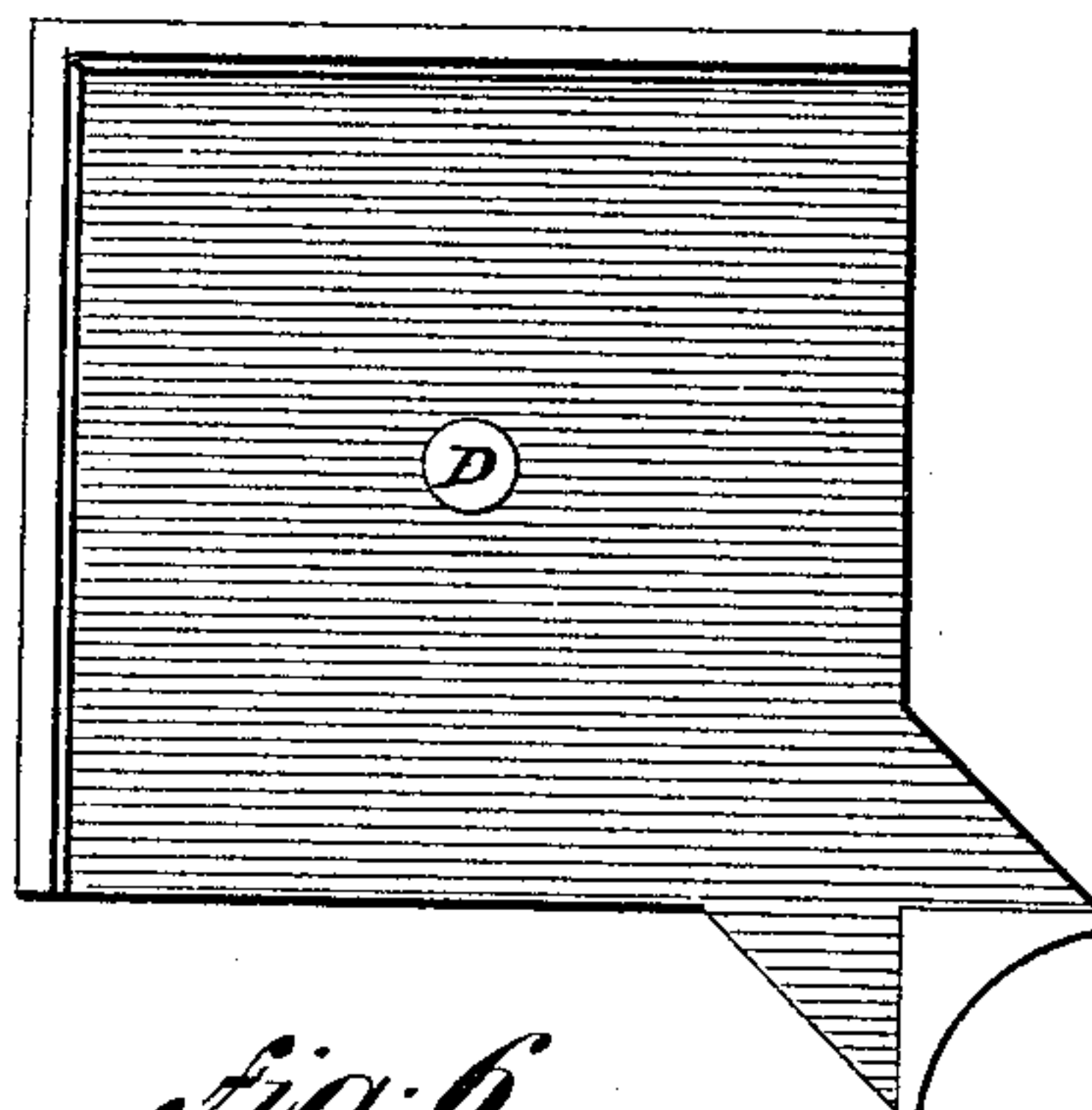
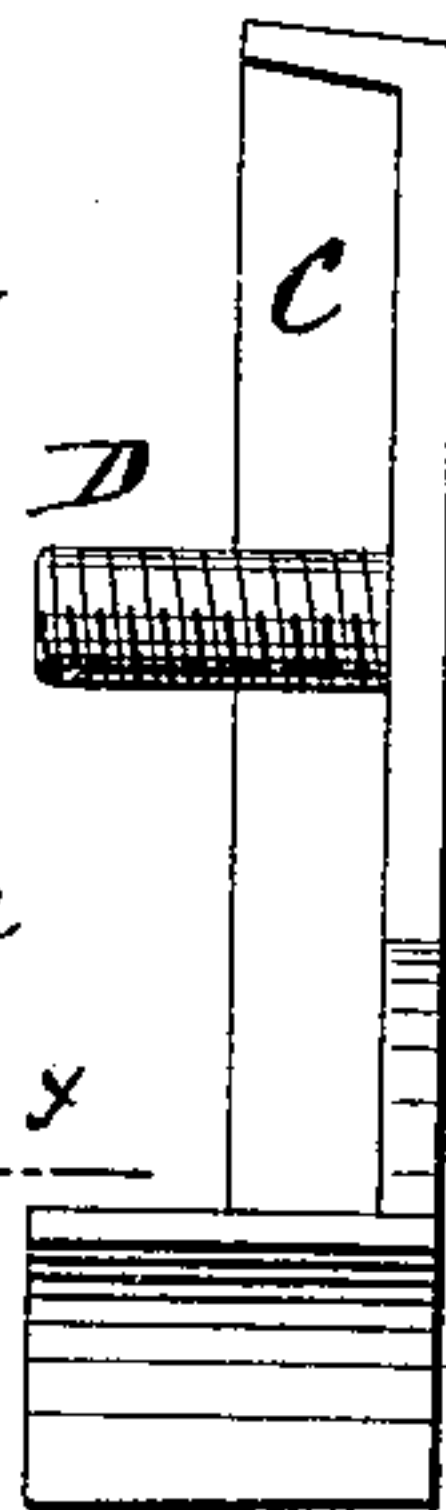
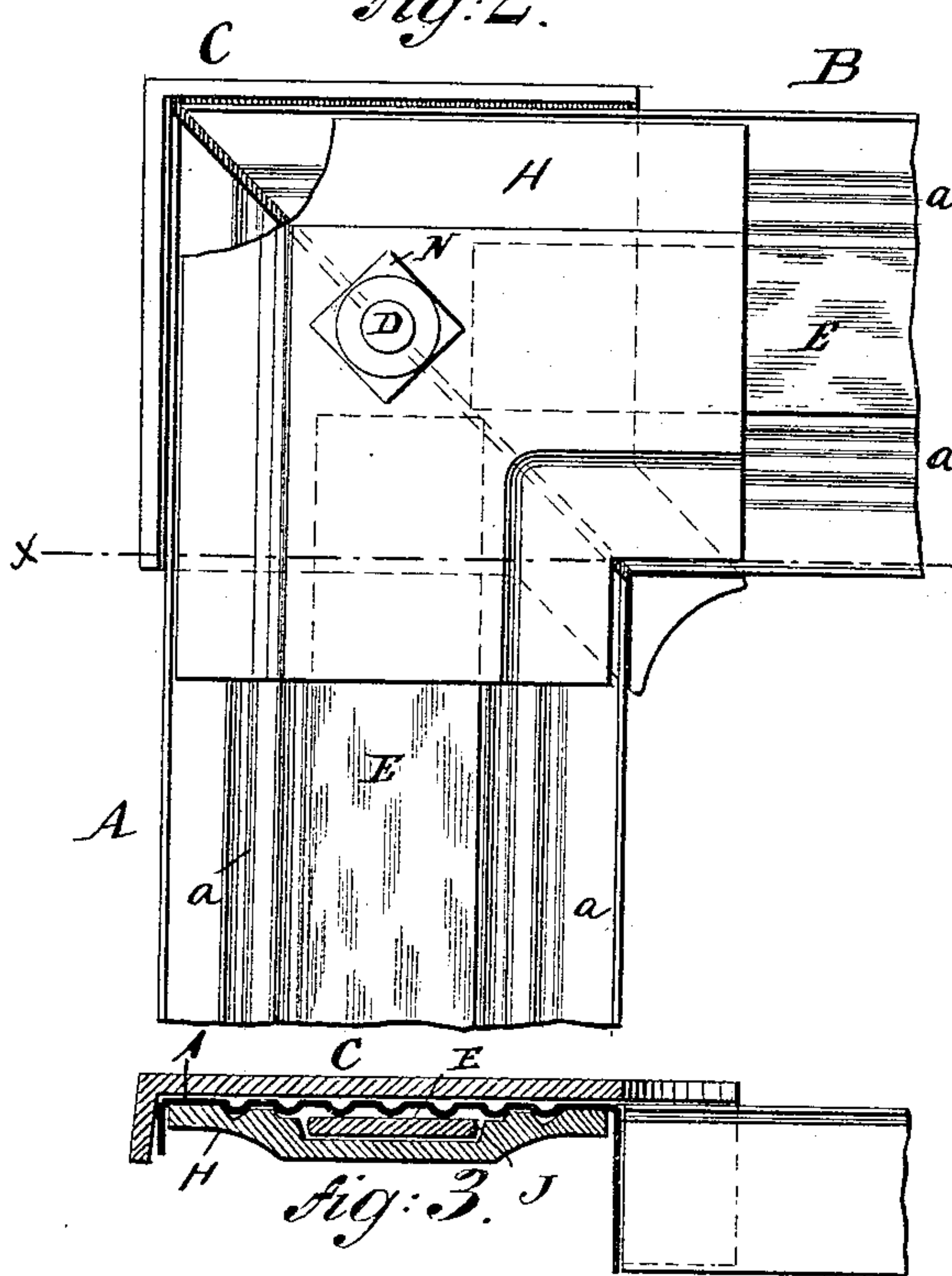
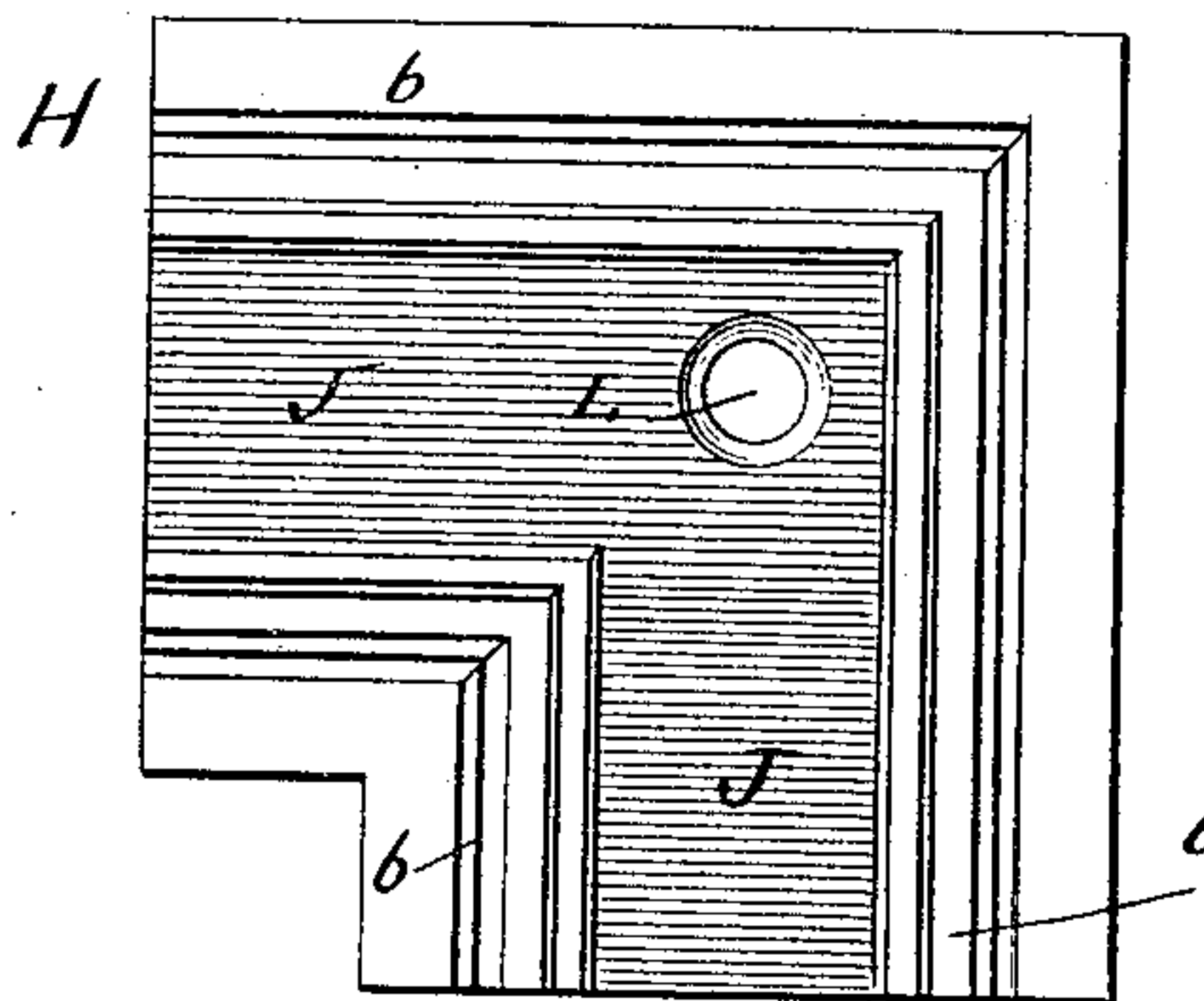


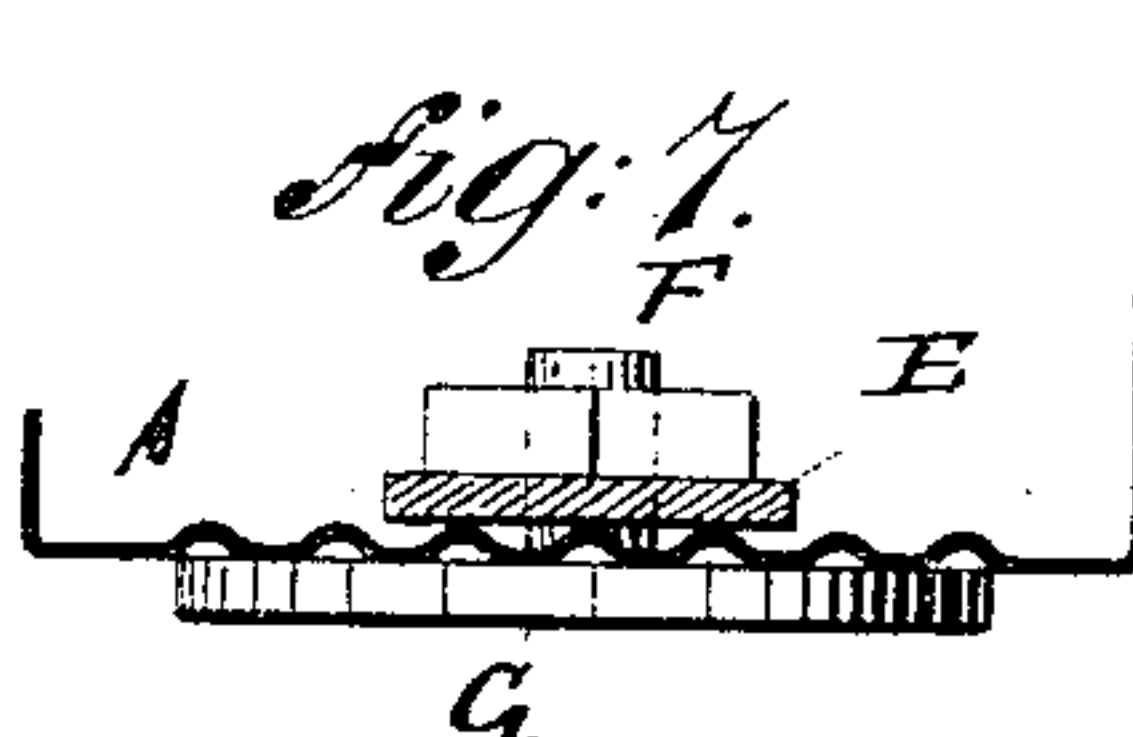
Fig. 6.



WITNESSES:

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Fig. 7.



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UNITED STATES PATENT OFFICE.

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FIRE-PLACE FRAME.

SPECIFICATION forming part of Letters Patent No. 372,417, dated November 1, 1887.

Application filed April 14, 1887. Serial No. 234,770. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK G. JANUSCH, of the city, county, and State of New York, have invented certain new and useful Improvements in Fire-Place Frames and Fenders, of which the following is a specification.

The object of my invention is to provide a new and improved fire-place frame, which can be adjusted more or less and which can be folded very compactly for transportation, storage, &c.

The invention consists in the combination, with ornamental metal strips or bars, of wrought-iron frame bars and cast-iron corner-pieces fitting against the rear sides of the ornamental strips or bars and serving to hold the ends of the wrought-iron bands and also the ends of the ornamental bars.

The invention also consists in the construction and combination of parts and details, as will be fully described and set forth hereinafter, and finally pointed out in the claims.

In the accompanying drawings, Figure 1 is a front view of my improved fire-place frame. Fig. 2 is an enlarged detail view of the back at one corner, parts being broken out. Fig. 3 is a cross sectional view on the line *x x*, Fig. 2. Fig. 4 is a detail side view of one exterior corner-piece. Fig. 5 is an inside face view of the same. Fig. 6 is an inside face view of one of the inner corner-pieces. Fig. 7 is an enlarged detail cross-sectional view on the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The exterior or ornamental part of the frame is composed of the two upright side bars, A A, and the top cross-bar, B, all made of wrought, cast, or sheet metal, which may be ornamented. As shown, said bars A B are ornamented by means of longitudinal beads or ribs *a*. The bars A B are held together at the corners by ornamental corner-pieces C, which show on the outside of the fire-place frame, and are provided with screws D, projecting toward the rear. Wrought-iron bars E are placed against the backs of the bars A B, and are held in place on the bars A by screws F, projecting from rosettes G on the fronts of the bars A. The three bars—that is, one behind the bar B

and one behind each bar A—are not permanently connected; but when they are behind the bars A B their ends are held in angle-pieces H, preferably made of cast-iron. Each angle-piece H is provided in its inner side with a rectangular groove, J, for receiving the ends of two bars, E, as shown in dotted lines in Fig. 2, the inner face of each angle-piece H being also provided with grooves and ribs *b*, to adapt said angle-piece to fit closely and snugly against the inner molded, ribbed, or shaped surfaces of the bars A B at the ends of said bars. Each angle-piece H also has an aperture, L, through which the screw D of the corresponding angle-piece, C, can pass. A nut, N, is then screwed on the end of said screw.

In erecting the frame the ends of the bars A B are placed into the corner-pieces C, and the bars E are placed longitudinally on the backs of the said bars A B. The corner-pieces H are then placed upon the ends of the bars E and on the backs of the bars A B, and then nuts N screwed on the screws D and drawn up tight for the purpose of clamping said angle-pieces H on the bars A B and holding the bars A B E and the angle-pieces C and H firmly together. As the angle-pieces H are shaped to fit the projections and depressions of the bars A B, said angle-pieces are held firmly and securely and cannot shift, but make a solid connection.

It is evident that the frame can easily be adjusted—that is, the bars A moved toward or from each other a short distance, or the bar B moved up or down.

If desired two screws may be used at each corner in place of the single screws D on the corner-pieces C, and in such case the ends of the bar E are provided with longitudinal slots, through which the said screws can pass.

The bars E are provided with the usual fastening devices for fastening them on the brick-work, &c.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a fire-place frame, the combination, with metal bars, of angle-pieces for receiving and holding the ends of said bars, ornamental front or face plates placed in front of said bars,

and fastening-screws for holding the bars, angle-pieces, and face-plates together, substantially as set forth.

2. In a fire-place frame, the combination,
5 with ornamental front or face plates, of metal bars at the back of the face-plates, angle-irons having rectangular grooves for receiving the ends of said bars, which angle-irons have the
10 faces so shaped and molded as to fit snugly and firmly against the molded and shaped backs of the face-plates, front corner-pieces placed on the end parts of the face-plates at the angles, and of fastening-screws for holding the bars,
15 face-plates, angle-pieces, and corner-pieces together, substantially as set forth.

3. In a fire-place frame, the combination of ornamental face plates or bars, corner-pieces on the outer surface of said face-plates, metal bars on the backs of the face-plates, interior angle-pieces for receiving the ends of the metal
20 bars, and fastening-screws for holding the face-plates, corner-pieces, angle-pieces, and bars together, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in pres-
25 ence of two subscribing witnesses.

FREDERICK G. JANUSCH.

Witnesses:

MARTIN PETRY,

CHARLES FLEESCHACKER.