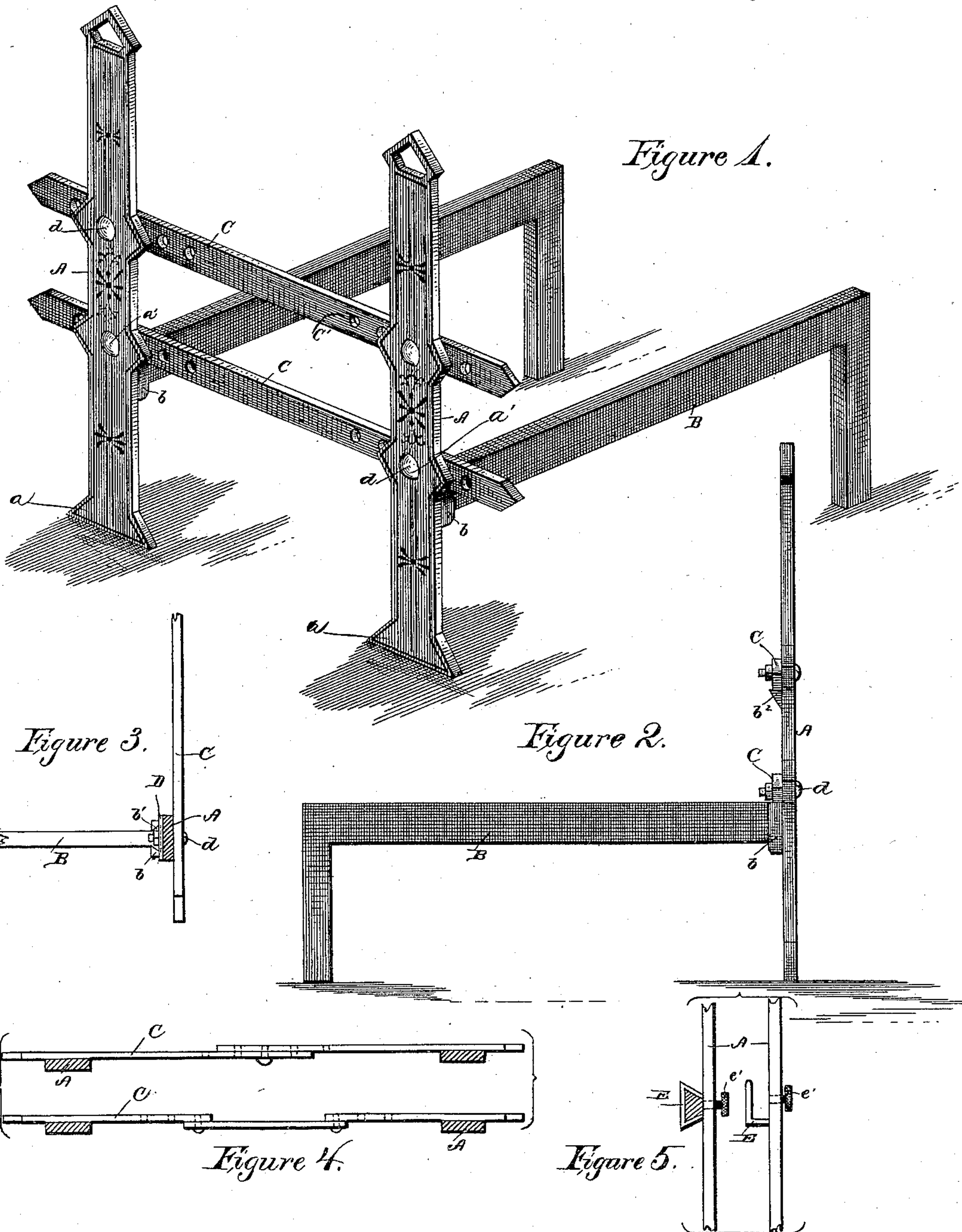


(No Model.)

O. STEELE.
ANDIRON.

No. 366,133.

Patented July 5, 1887.



Witnesses:
John Omders Jr.
John M. Gill.

Inventor:
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By *[Signature]*
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UNITED STATES PATENT OFFICE.

OLIVER STEELE, OF GEORGETOWN, TEXAS.

ANDIRON.

SPECIFICATION forming part of Letters Patent No. 366,133, dated July 5, 1887.

Application filed January 13, 1887. Serial No. 224,240. (No model.)

To all whom it may concern:

Be it known that I, OLIVER STEELE, a citizen of the United States of America, residing at Georgetown, in the county of Williamson and State of Texas, have invented certain new and useful Improvements in Andirons, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention pertains to certain new and useful improvements in fire-dogs or andirons; and it consists in the detailed construction, combination, and arrangement of the parts, substantially as hereinafter fully set forth, and particularly pointed out in the claims.

15 In the accompanying drawings, Figure 1 is a view in perspective of my invention. Fig. 2 is a side elevation thereof. Figs. 3, 4, and 5 are detail views of modifications.

20 In carrying out my invention I employ front bars or uprights, A A, suitably embellished or ornamented, which bars have broadened bases or feet *a a*, the purpose of which is obvious. Each of these bars or uprights has two
25 holes or apertures, *a'*, formed therein, which will be referred to further on. To the rear side of each bar or upright A, at a point a short distance below the lower aperture *a'*, is rigidly secured or formed integral therewith
30 a mortise, *b*, the upper and lower ends and outer side of which are open.

B B are the supporting-legs, preferably of approximately L shape, the horizontal bars of which at their extreme forward ends have tenons *b'* formed thereon, the same extending the entire length of the vertical ends of said horizontal bars, as shown. The rear vertical ends of these L-shaped legs bear on the ground or floor, thus supporting the front bars or uprights in their proper position. To the rear sides of the front bars or uprights are rigidly secured, or formed integral therewith, outwardly-projecting lugs or protuberances *b² b²*, whereon are supported horizontally-disposed
45 adjusting-bars C C, which are provided with apertures *C'* near each end thereof. Through any one of these apertures and the corresponding aperture, *a'*, of the bar or upright is passed a nutted screw or bolt, *d*, whereby the bar C
50 will be securely held to the rear sides of said bars or uprights, the purpose of which will soon appear. The lower horizontal adjusting-

bar, C, is disposed so as to rest directly on top of the upper surfaces of the tenons of the supporting-legs, said tenons of course being first inserted in the mortises *b*. In likewise securing this lower bar by means of nutted screws or bolts, the displacement of the tenon ends of the legs B from their position in the mortises is thereby avoided, and the legs and bars or uprights are securely held in their proper relative position.

In the employment of the adjusting-bars C C, I provide for adjusting the andirons or fire-dogs in the desired position according to the length of the logs of wood supported by said andirons or fire-dogs. These cross-bars also serve as fenders, thus preventing the liability of the burning wood falling beyond the front of the andirons or fire-dogs.

I do not restrict myself to the disposition of the adjusting-bars on the rear of the front bars or uprights, as, if desired, the same may be secured to the front sides of said bars or uprights, in which latter event a plate, D, is secured to the rear side of each bar or upright in the place where the bar C is disposed when secured to the rear sides of the said bars or uprights, by means of which plate the tenon ends of the supporting-legs are securely held in position by reason of said plate bearing on the upper horizontal edge of said tenons.

If desired, the adjusting-bars may be made of a sliding section or sections of one, two, three, or more parts, as shown in Fig. 4. When the adjusting-bars are thus constructed, the ends thereof are rigidly held in position by means of tenons or brackets E, formed integral with the bars or uprights, wherein said bars are rigidly held by thumb-screws *e'*.

From what has been said it will be seen that I provide means for preventing the accidental separation of the legs from their connections with the front bars or uprights; also means for preventing the tipping over or upsetting of the andirons or fire-dogs, as the supporting-bars have greater proportionate width at the feet, and the two irons, being connected together, are not easily overthrown or upset.

The construction shown and described permits of the easy packing of the parts for shipment or carried in stock as merchandise in a compact and convenient package.

The andirons may be made with the legs

cast with and forming a part of the uprights or the legs may be secured to the uprights by rivets or bolts, instead of being loose and inserted into mortises, as shown and described, 5 and then connected by the horizontal bars, as stated.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

10 1. In an andiron, the combination, with the apertured bars or uprights having mortises on their rear sides, of the supporting-legs having their forward tenon ends secured in said mortises and retained therein by the adjustable 15 cross-bars bearing on the tenons of said legs, substantially as shown and described.

2. The combination, with the bars or up-

rights and the legs having tenon ends secured in mortises of said bars or uprights, of the apertured cross-bars secured on the rear of said 20 bars or uprights by means of nutted bolts, the lower one of said cross-bars bearing on the tenons of said legs, substantially as shown, and for the purpose stated.

3. The combination, with the bars or up- 25 rights and the supporting-legs, of the adjustable sliding bars or sections, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

OLIVER STEELE.

Witnesses:

B. A. STRANGE,
J. B. ROBINSON.