

(No Model.)

J. C. OGLETREE.

GRATE ATTACHMENT.

No. 270,246.

Patented Jan. 9, 1883.

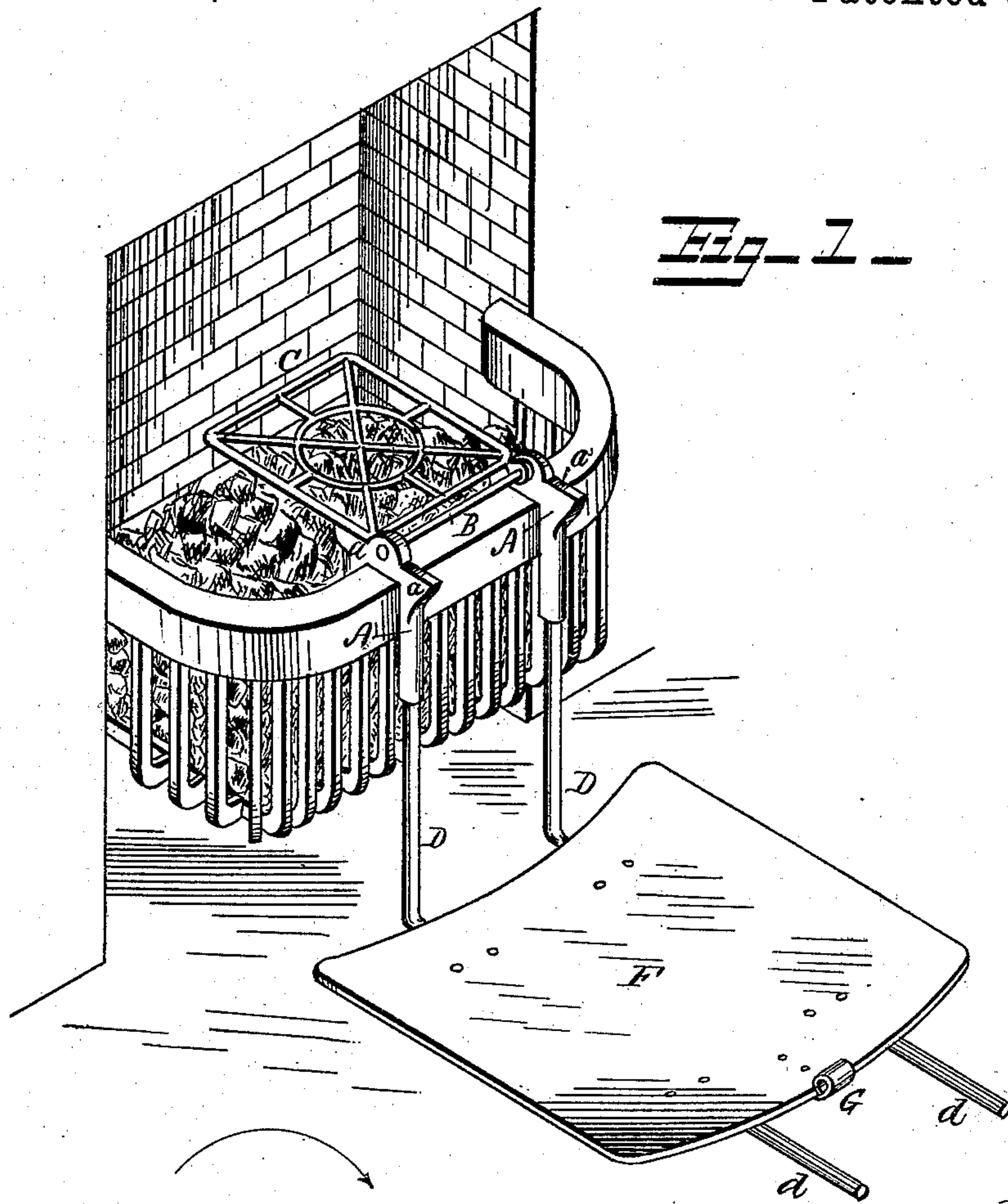


Fig. 1

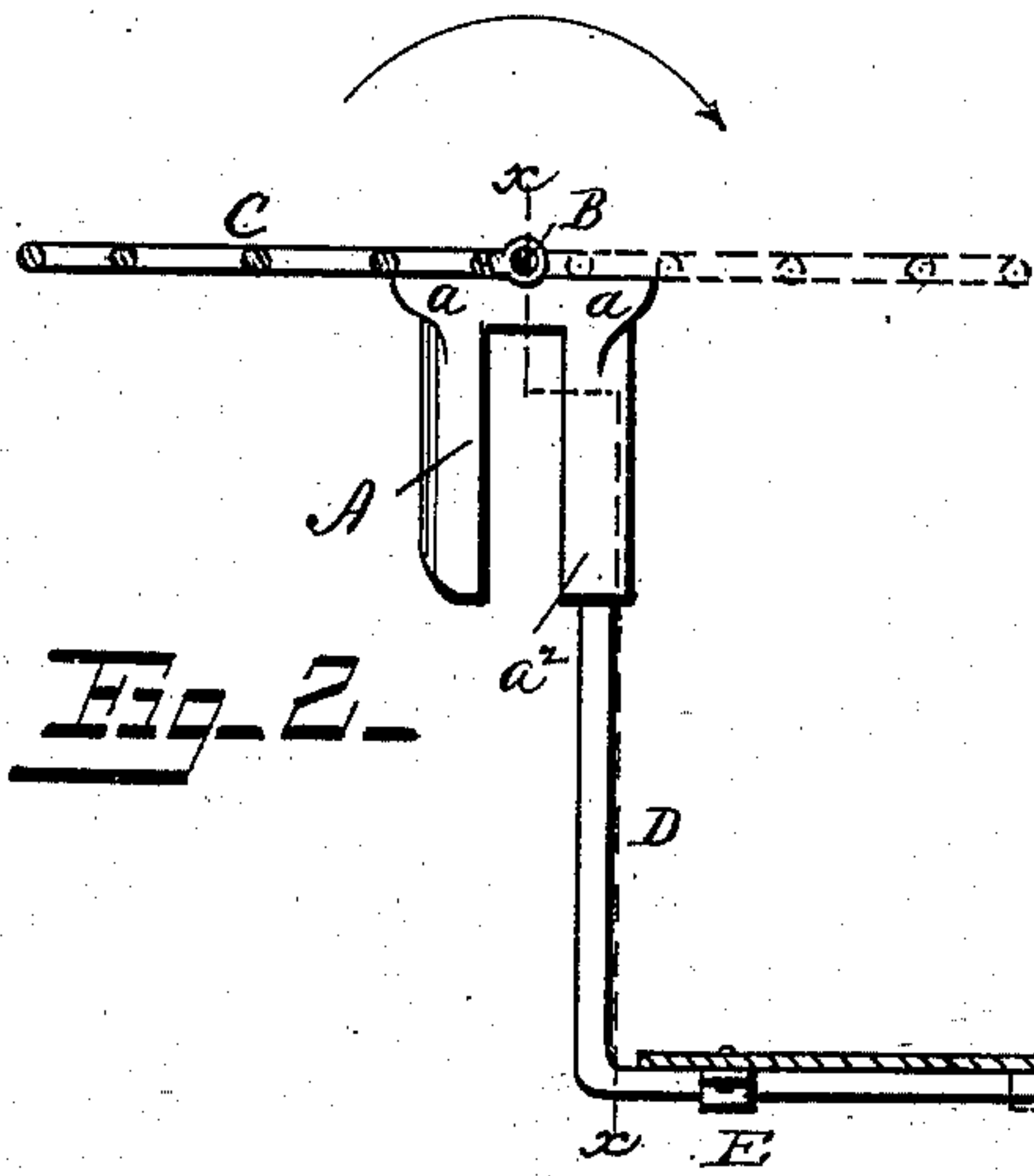


Fig. 2

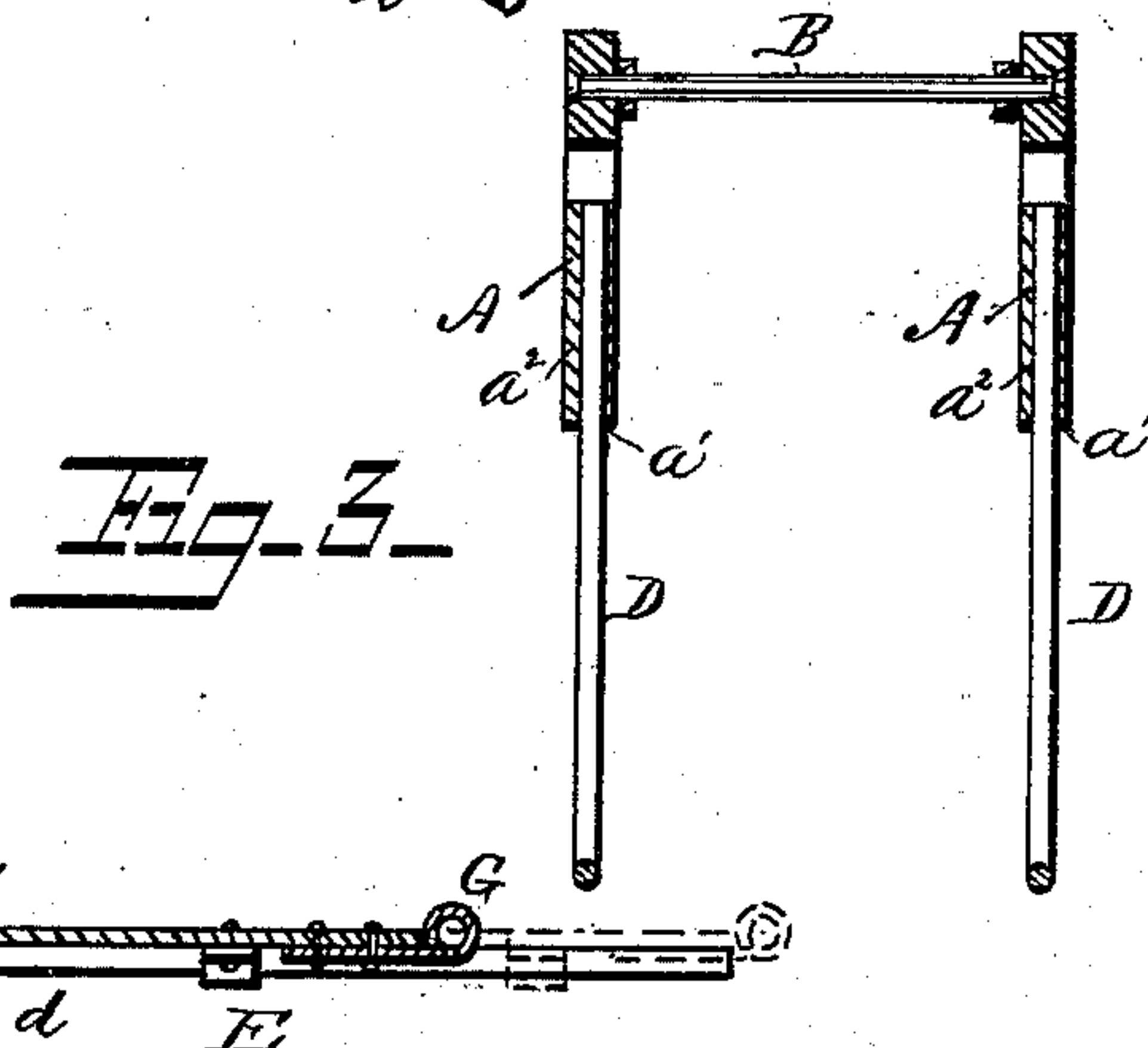


Fig. 3

WITNESSES
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UNITED STATES PATENT OFFICE.

JOSEPH C. OGLETREE, OF KNOXVILLE, TENNESSEE.

GRATE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 270,246, dated January 9, 1883.

Application filed October 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH C. OGLETREE, a citizen of the United States, residing at Knoxville, in the county of Knox and State of Tennessee, have invented a new and useful Grate Attachment, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to attachments to parlor and other open grates for heating or cooking purposes; and it consists in an improved reversible top shelf, that can be turned over or from over the fire at pleasure without removing the whole device from the grate, and in a forwardly and rearwardly adjustable bottom shelf, substantially as will be hereinafter more fully set forth.

In the drawings, Figure 1 is a perspective view of my attachment applied to a grate. Fig. 2 is a vertical longitudinal sectional view. Fig. 3 is a cross-section on the line xx , Fig. 2.

Referring to the drawings, A A designate two substantially \cap -shaped brackets, which hook over the top of the grate, and each provided with two shoulders, $a a$, at the top. These shoulders $a a$ are arranged one on each side the transverse pivot-pin or rivet B, by which the top shelf, C, is hinged between brackets A A. This shelf C, when down in position, rests on shoulders $a a$, and may be turned on its hinges, so as to be over the fire, as shown in Fig. 1; or it may be turned completely over, so as to project out from the grate, as shown in dotted lines, Fig. 2.

In a socket, a' , in the front arm, a^2 , of each of brackets A A, is secured a downwardly-extending right-angular rod, D, the lower horizontal section of which, d , passes through straps E E on the under side of a bottom plate, F, forming the lower shelf. This plate F has a finger-piece or handle, G, at its front end, by which it may be slid forward or backward on the sections d of rods D D.

The brackets A A and top shelf, C, are preferably formed of malleable iron, while the rivet B, rods D D, and bottom plate, F, are preferably formed of wrought-iron.

The rods D D may be cast into sockets $a' a'$, as herein shown; or they may be secured and adjusted therein by set-screws.

The adjustment and advantages of my invention will be readily understood. It can be readily put on or taken off the grate, and the adjustable shelves at the top and bottom may be used for warming or heating irons, cooking, &c.

The attachment is simple, inexpensive, and efficient.

I claim and desire to secure by Letters Patent—

1. The combination, with the two brackets, each having top shoulders in front and in rear of its center, of the reversible shelf hinged centrally to and between the two brackets, and adapted to be thrown over and to rest on the shoulders at either side of the brackets, as set forth.

2. The herein-described attachment to grates, comprising the brackets adapted to be hooked over the edge of the grate, the top reversible shelf pivoted or hinged thereto, and the bottom plate adjustable forwardly and rearwardly, as set forth.

3. The combination of the brackets adapted to be hooked over the edge of the grate, the downwardly-extending right-angular rods secured thereto, and the plate, forming a shelf, adapted to be slid backward and forward on said rods to and from the grate, as set forth.

4. The combination of the substantially \cap -shaped brackets adapted to be hooked over the grate, the downwardly-extending right-angular rods secured in said brackets, and the bottom plate having the straps on the under side, forming bearings by which it slides on the lower sections of said rods, as set forth.

5. The combination of the substantially \cap -shaped brackets having the top shoulders and carrying the downwardly-extending right-angular rods, the top reversible shelf pivoted or hinged between said brackets, and the bottom adjustable shelf sliding on the lower section of said rods, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOSEPH CLECKLEY OGLETREE.

Witnesses:

HORACE FOSTER, Jr.,
E. F. MYNATT.