

No. 868,188.

PATENTED OCT. 15, 1907.

W. W. JONES.
BASKET GRATE.

APPLICATION FILED AUG. 27, 1906.

Fig. 1.

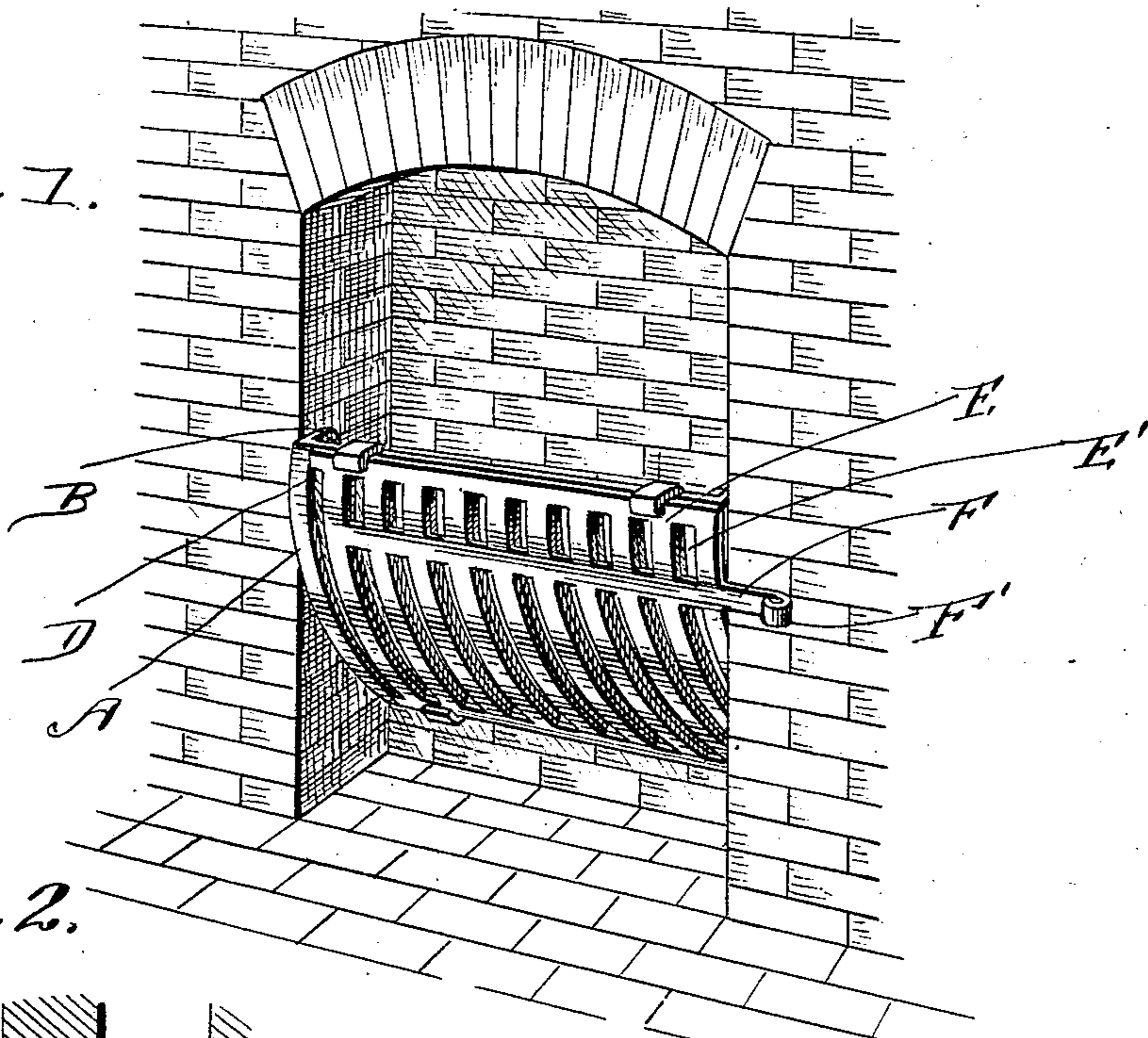


Fig. 2.

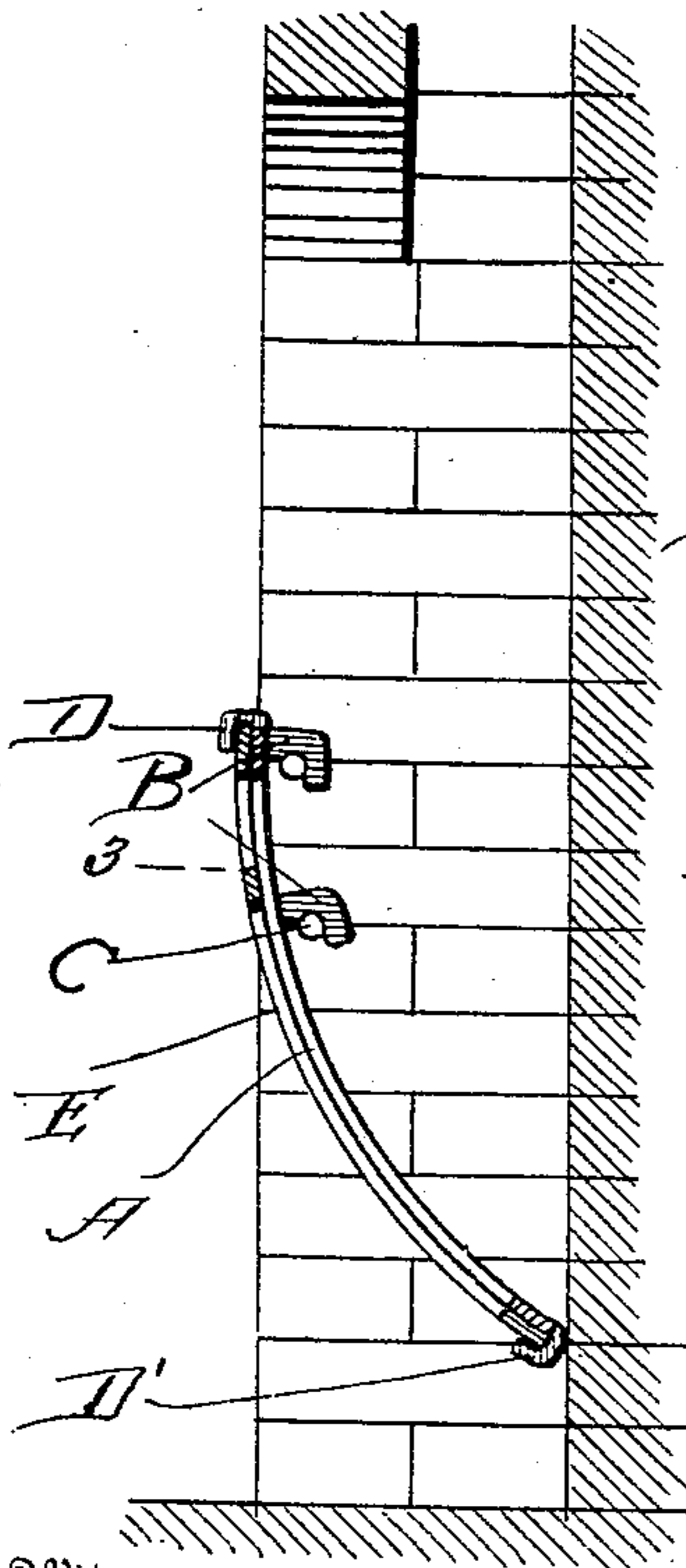


Fig. 3.

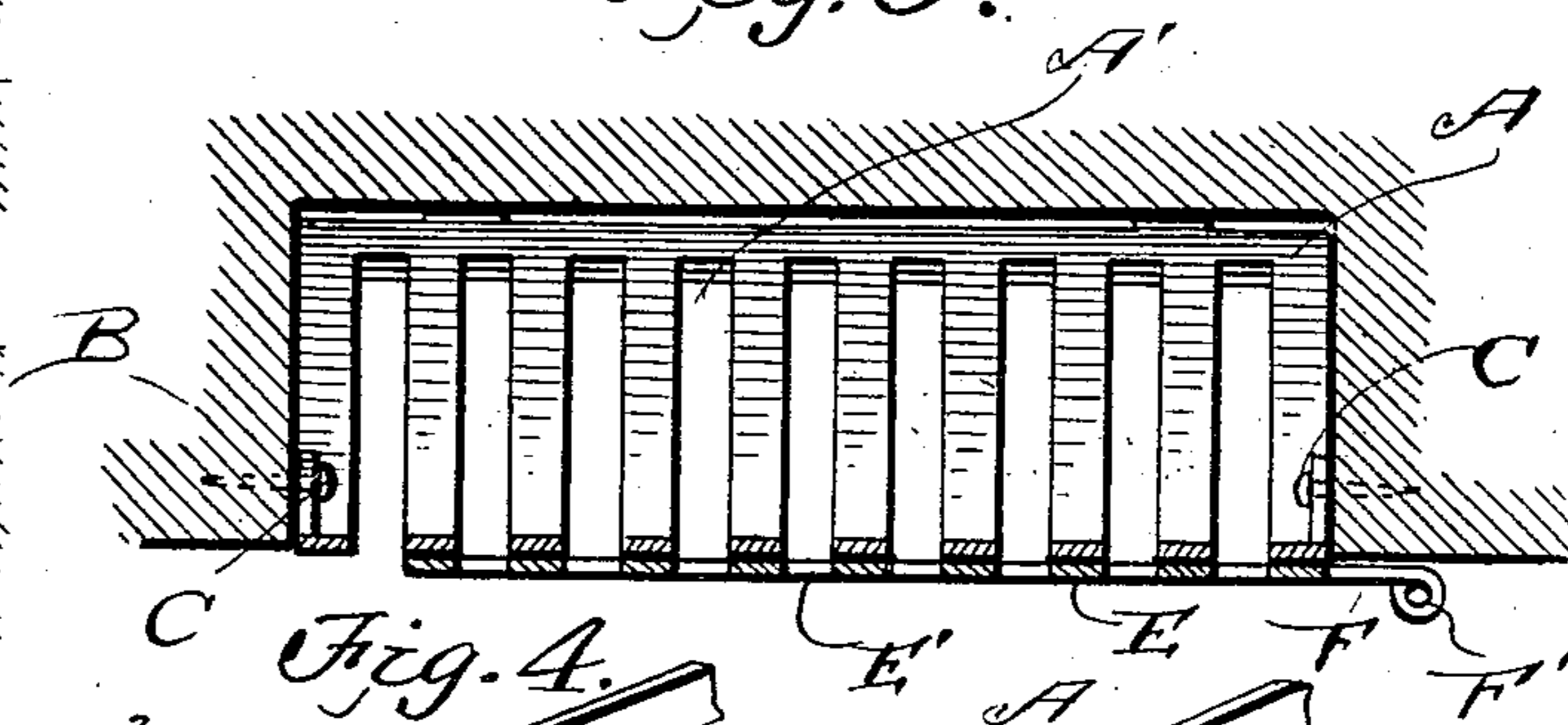


Fig. 4.

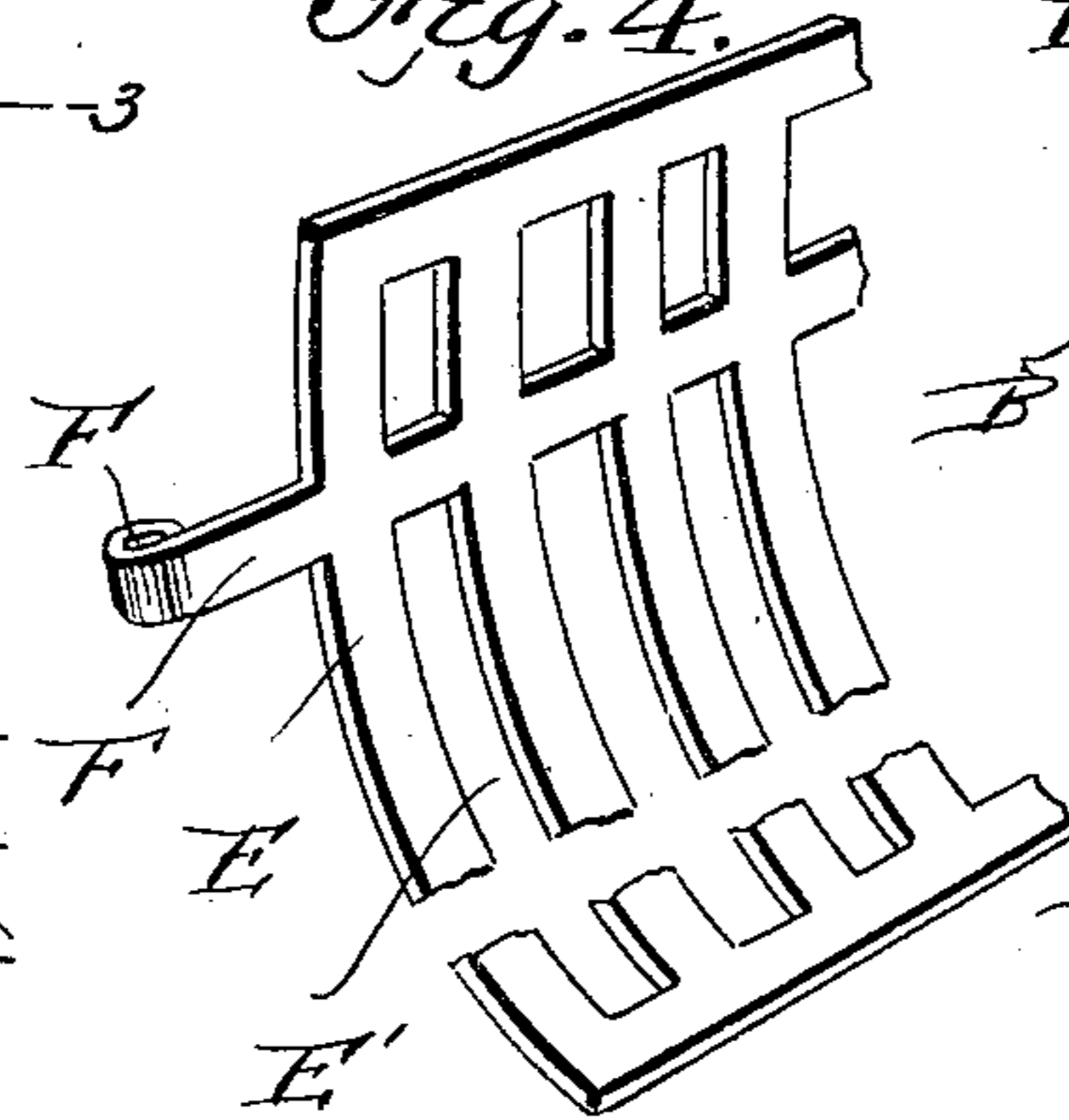
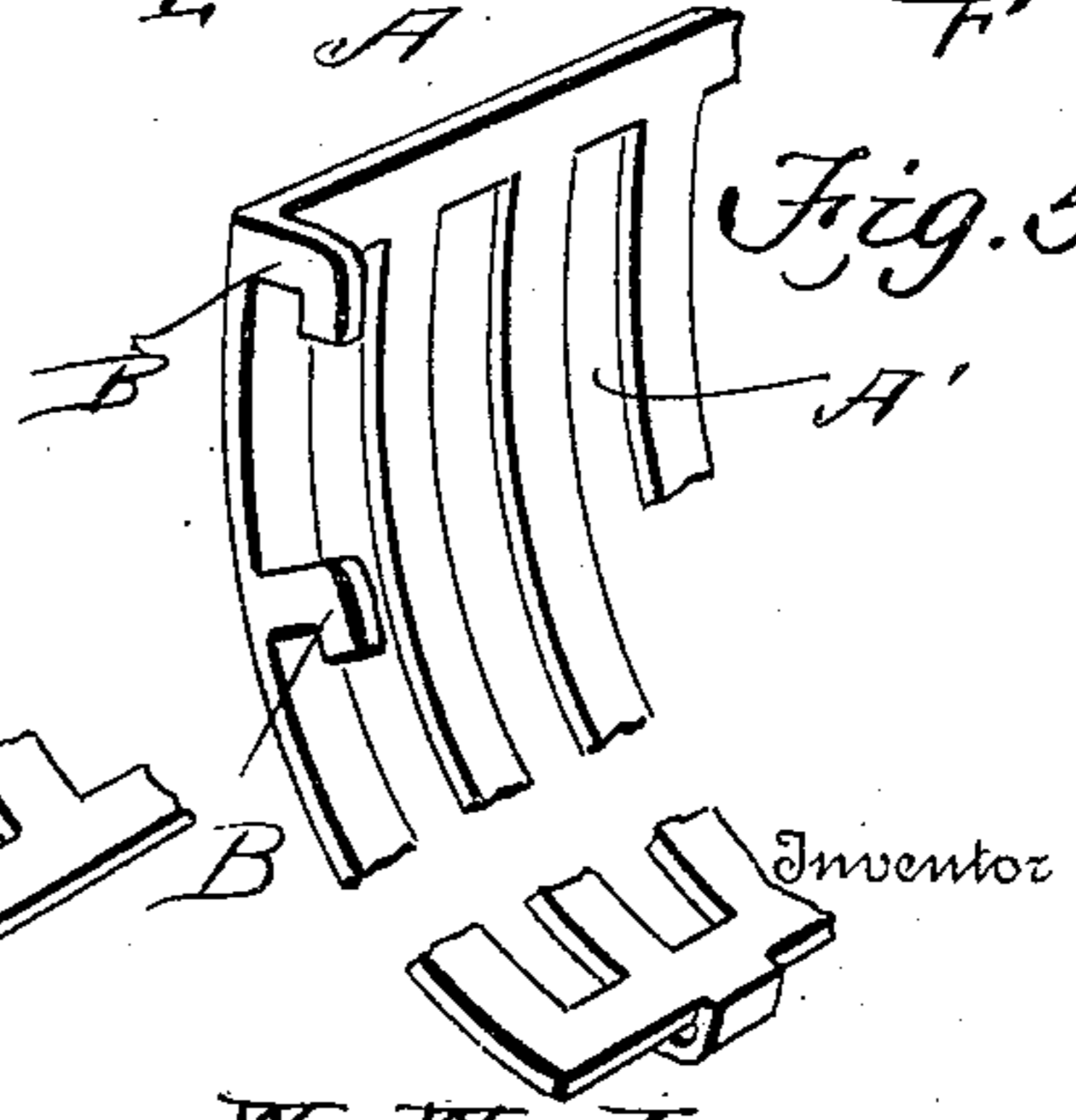


Fig. 5.



Witnesses

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WALTER WILLIAM JONES, OF COLUMBUS, GEORGIA.

BASKET-GRATE.

No. 868,188.

Specification of Letters Patent.

Patented Oct. 15, 1907.

Application filed August 27, 1906. Serial No. 332,237.

To all whom it may concern:

Be it known that I, WALTER W. JONES, a citizen of the United States, residing at Columbus, in the county of Muscogee and State of Georgia, have invented a new and useful Improvement in Basket-Grates, of which the following is a specification.

This invention relates to basket grates, known as "hanging grates", and more particularly to an attachment for said grates, whereby a basket grate can be converted into a ventilated grate and the draft through the grate regulated as desired.

With these objects in view my invention consists essentially of a hanging basket grate, having a reticulated frame slidably connected to the front of the grate so that by shifting the sliding frame the draft of air through the grate can be cut off or regulated as desired.

The invention consists also in certain details of construction and novelties of combination all of which will be fully described hereinafter and pointed out in the claims.

In the drawings forming a part of this specification:— Figure 1 is a perspective view of a grate provided with my improvement. Fig. 2 is a detail sectional view taken through the front of my grate. Fig. 3 is a transverse sectional view taken on the line 3—3 of Fig. 2. Fig. 4 is a detail view of one end of the sliding frame taken from the rear. Fig. 5 is a detail view of one end of the grate taken from the rear.

In the drawing A indicates a hanging basket grate arranged in an ordinary fire place by means of the downwardly extending lugs B which are adapted to engage or fit over the horizontal pins C as most clearly shown in Fig. 2.

The upper edge of the grate A is provided with integral guide-lugs D and the lower edge is provided with similar guide-lugs D' and sliding upon the grate A and

held in place by the lugs D and D' is the sliding frame E, which is reticulated and has its openings E' arranged in vertical order and of substantially the same size and shape as the openings A' so that by sliding the frame the openings E' and A' can be brought into register for the purpose of permitting the free passage of air through the grate and by shifting the position of the sliding frame E, the passage of air can be completely cut off or regulated as desired.

The sliding frame E is preferably constructed with an integral laterally projecting arm F terminating in an eye F' in which the end of the poker can be inserted for the purpose of sliding the frame back and forth.

At night when it is desired to preserve the fire, the sliding frame is shifted so as to completely cut off all draft and by covering over the live coals in the usual manner, the fire can be kept through the night and in the morning by opening up the draft and stirring up the fire, it will soon be in good condition to receive additional fuel and in this manner the fire can be kept going indefinitely and it will not be necessary to make up a new fire in the grate each morning.

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

A hanging grate, comprising an inwardly curved reticulated frame provided with rearwardly projecting hooks at each side, and adjacent the upper end thereof, and forwardly projecting guide-lugs at its top and bottom edges, pins secured to the side walls of a fire-place, said hooks being adapted to fit over said pins and support said grate, a complementary reticulated sliding frame working in the guide lugs of the first mentioned frame, and means for reciprocating the outer frame without disturbing the coal or ashes in the inner frame.

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Witnesses:

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