

(Model.)

J. DWYER.

LINING FOR FIRE PLACES.

No. 379,057.

Patented Mar. 6, 1888.

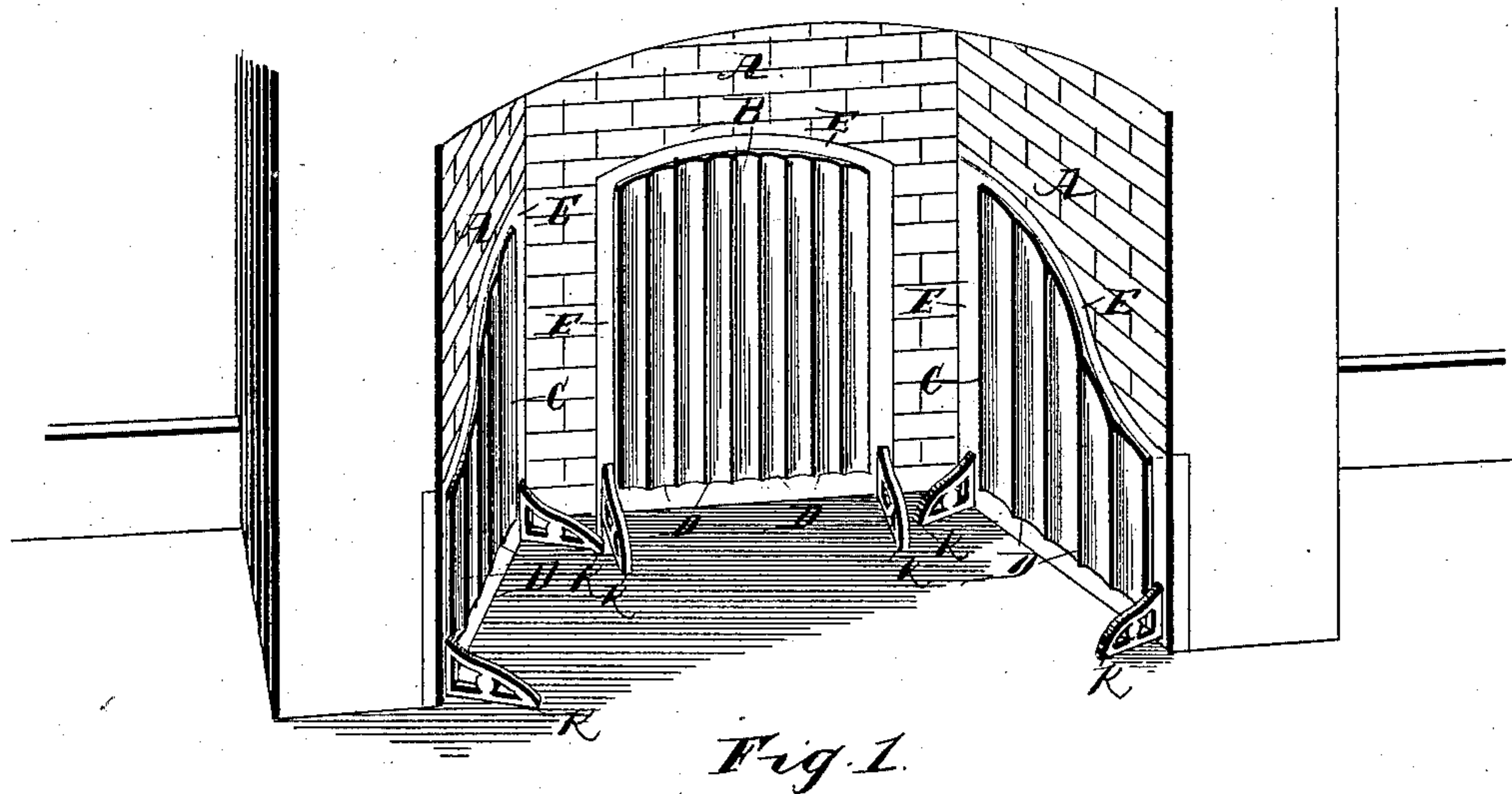


Fig. 2

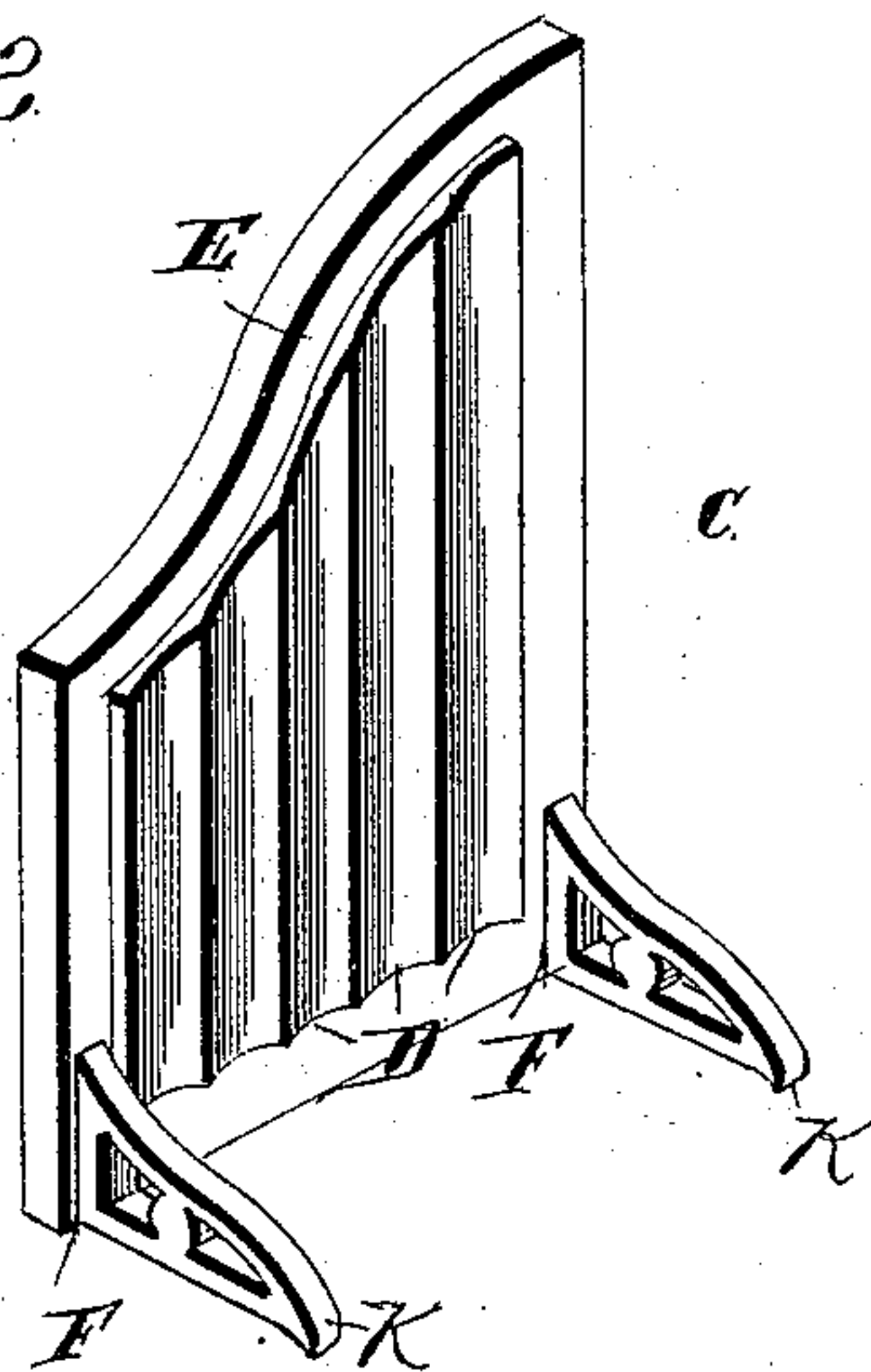
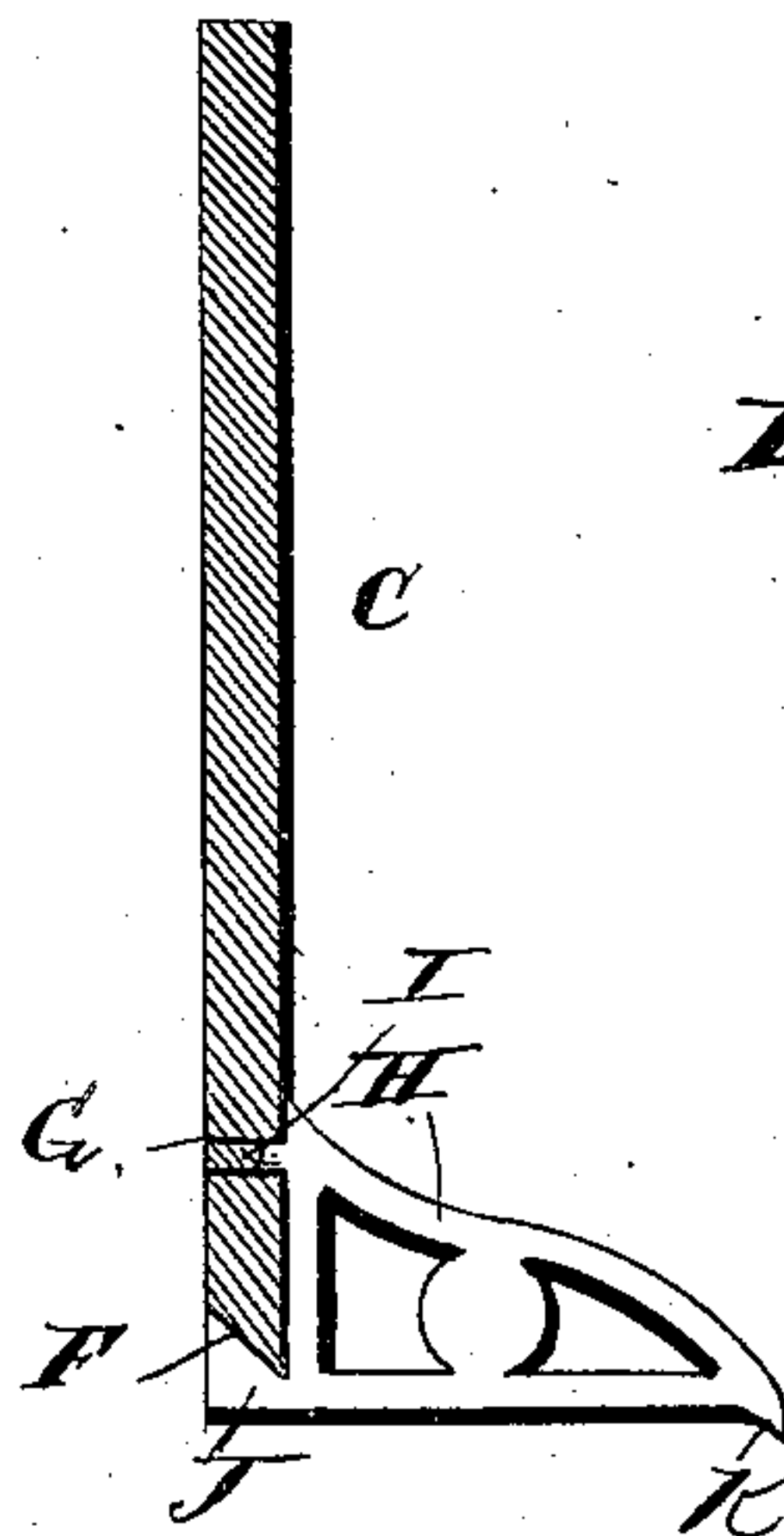


Fig. 3



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN DWYER, OF RUSTON, ASSIGNOR OF ONE-HALF TO J. W. HOLBERT, OF HOMER, LOUISIANA.

LINING FOR FIRE-PLACES.

SPECIFICATION forming part of Letters Patent No. 379,057, dated March 6, 1888.

Application filed August 2, 1887. Serial No. 245,954. (Model.)

To all whom it may concern:

Be it known that I, JOHN DWYER, a citizen of the United States, residing at Ruston, in the parish of Lincoln and State of Louisiana, have invented a new and useful Improvement in Linings for Fire-Places, of which the following is a specification.

My invention is an improved lining for fire-places; and it consists in certain novel features, hereinafter described and claimed.

In the accompanying drawings, which fully illustrate my invention, Figure 1 is a view of a fire-place provided with my improved lining. Fig. 2 is a perspective view of one of the jambs removed. Fig. 3 is a detail view showing the manner of fastening the foot.

Referring to the drawings by letter, A A A designate the back and sides of a fire-place formed of brick or other material in the usual manner, as will be readily understood. In the lower portion of the back and sides I set in the fire-back B and jambs C C, as shown, the jambs being approximately triangular in outline, their highest corners being set toward the back of the fire-place, whereby they correspond to the outline of the logs placed on the hearth or andirons to burn. The fire-back and the jambs are provided with vertical grooves D, which terminate uniformly at a short distance from the upper and lower edges of the fire-back and jambs, and the end grooves of the series are arranged at a similar distance from the side edges of the same, thereby forming the continuous band or rim E. The strength of the jambs and fire-back is thus increased, while at the same time their weight is diminished. In the lower edges of the jambs and fire-back, near the corners, I form the notches F, the upper walls of which are inclined downwardly toward the front, as shown. Vertically above these notches F, I provide the transverse passages or perforations G.

H designates the removable feet, which are substantially triangular in outline, and are provided at the upper corners on their rear edges with the rearwardly-projecting teats I, which engage the perforations G. At their lower rear corners the feet are provided with the lugs J, which conform to and engage with the notches F.

The front corners of the feet are provided with the downwardly-projecting spurs K, which are made to enter the hearth or bottom of the fire-place, as will be readily understood.

In applying the feet to the back and jambs I first cause the lugs J to engage the notches F, and then swing the feet around, so that the teats I engage the perforations G.

From the foregoing description, taken in connection with the accompanying drawings, it is thought the purposes and advantages of my device will be readily understood. The logs are held from contact with the brick-work of the fire-place, and as metal is a good heat radiator the heat will be thoroughly diffused from the fire-place throughout the room. The jambs also prevent the ends of the logs punching holes in the side walls of the fire-place.

The several parts may be set in the wall or simply placed against the same, as will be readily understood, the feet serving to prevent their tipping forward and falling over. As the feet are detachable, they can be readily removed, so as to facilitate packing for storage and transportation.

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

1. The combination, with the fire-back or jambs provided with notches in their lower edges and transverse perforations vertically above said notches, of the removable triangular feet having lugs at their lower rear corners engaging the notches and teats at their upper corners engaging said perforations, substantially as specified.

2. The combination, with the fire-back or jambs having the notches F and perforations G, of the detachable feet having the downwardly-projecting spurs K, the lugs J, engaging the notches F, and the teats I, engaging the perforations G, substantially as described.

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

JOHN DWYER.

Witnesses:

EUGENE HOWARD,
T. B. FINLEY.