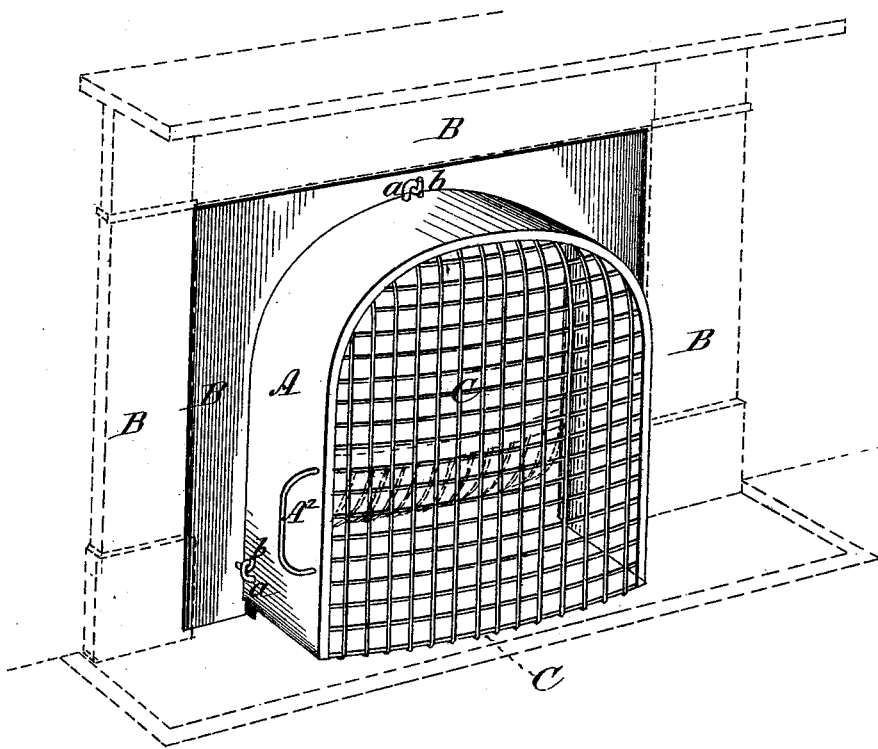


R. R. CROUSE.
FIRE-FENDERS.

No. 195,582.

Patented Sept. 25, 1877.



Witnesses:
Wm Wagner
Floyd Kous

Randolph R. Crouse,
Inventor
by *Johnson & Johnson*
Atys.

UNITED STATES PATENT OFFICE.

RANDOLPH R. CROUSE, OF BELLAIRE, OHIO.

IMPROVEMENT IN FIRE-FENDERS.

Specification forming part of Letters Patent No. 195,582, dated September 25, 1877; application filed May 19, 1877.

To all whom it may concern:

Be it known that I, RANDOLPH R. CROUSE, of Bellaire, in the county of Belmont and State of Ohio, have invented a new and useful Fire-Fender, of which the following is a specification:

The object of my invention is to furnish a durable and convenient fender for use upon fire-places, to ward off sparks, to prevent garments, &c., from coming in contact with the fire, and to form a continuous hood.

A continuous hood of sheet metal is provided with a guard proper of woven wire or reticulated metal work. A side handle or bail affords means of manipulating the fender to charge the fire, &c. Eyes or loops upon the hood catch upon hooks projecting from the face of the chimney, mantel-piece, or fire-place to hold the fender in place, and permit of its ready removal. The continuous hood acts as a strengthening-brace and as a radiator.

In the accompanying drawing, the figure is a perspective view of my improved fender, the mantel-piece being indicated by dotted lines.

Referring to the drawing, A is a hood of sheet metal, or of any suitable material, adapted to project at right angles from the chimney-place B, and is provided with a fire-guard proper, C, of woven wire or reticulated metal work. This hood is also provided, at suitable intervals near its abutting edge, with eyes or loops *a a a*, which are for the purpose of catching upon hooks *b b b*, at correspond-

ing places upon the vertical wall of the fire-place or mantel-piece. One or more bails or handles, A², is provided at the side or sides of said hood for the purpose of permitting the fender to be readily removed and replaced in charging or raking the fire.

The hood serves not only as a means for radiating the heat, but acts as a guard and brace for the fender. Accidental falling of an entire wire fender and constant handling tend to destroy the shape thereof, while the hood lessens the area of reticulation, and avoids the curves or corners of such a continuous reticulated surface, which are elements of weakness.

The hood may be either arched or flat-topped, to conform to the design of mantel-piece. When flat, it may be used to keep such articles warm as may be placed upon it.

The hood and screen may, if desired, be hinged to the chimney-place, and the wire guard C may be attached to the hood in any well-known way of uniting woven wire with sheet metal.

I claim—

A fire-fender consisting of a continuous radiating and reflecting hood, A, of sheet metal, and a guard or fire-screen proper, C, of woven wire, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

RANDOLPH R. CROUSE.

Witnesses:

H. D. MEEK,
H. G. WILSON.