(No Model.)

J. W. GRISWOLD.

FIRE SCREEN.

No. 418,714. Patented Jan. 7, 1890.

Fig. 1.

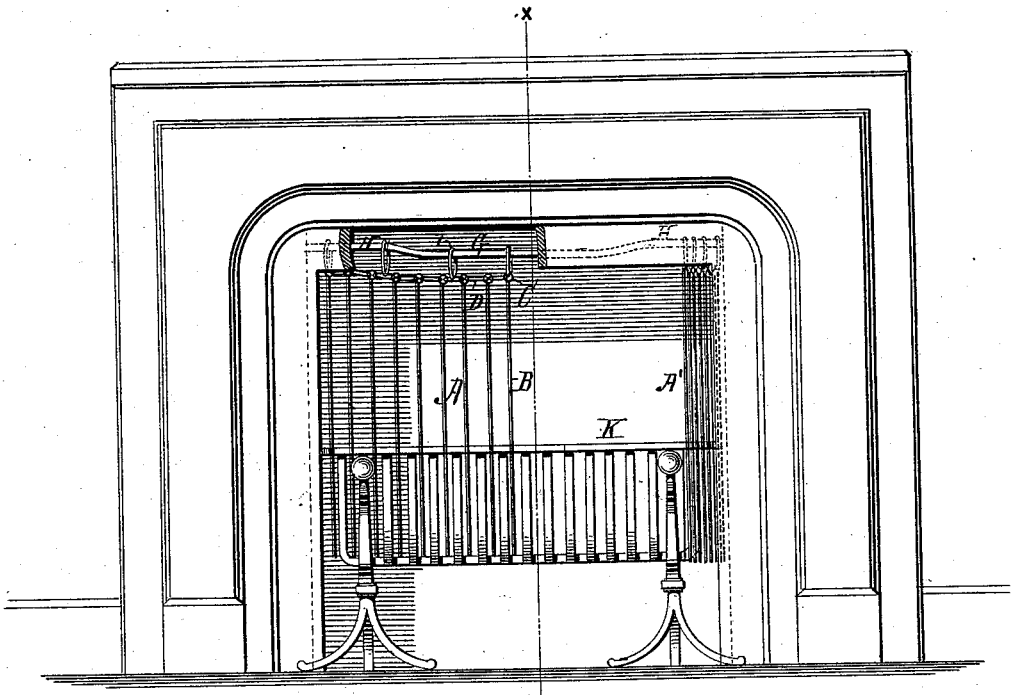
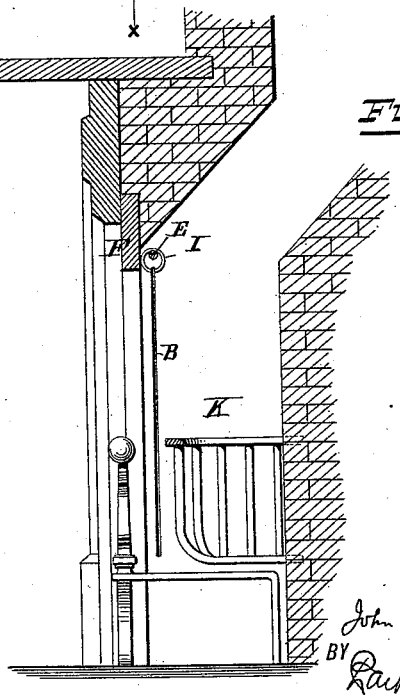


Fig. 2.



WITNESSES:

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JOHN WOOL GRISWOLD, OF TROY, NEW YORK.

FIRE-SCREEN.

SPECIFICATION forming part of Letters Patent No. 418,714, dated January 7, 1890.

Application filed February 14, 1889. Serial No. 299,872. (No model.)

To all whom it may concern:

Be it known that I, JOHN WOOL GRISWOLD, of Troy, Rensselaer county, New York, have invented a new and useful Improvement in Fire-Screens, of which the following is a specification.

My invention relates to a fire-screen intended more particularly to be applied to an ordinary open fire-place, its object being to prevent hot coals or other burning material from being thrown out upon the floor of the room.

My device consists in a screen composed of a series of suspended metallic rods which are linked together and supported by rings from a fixed bar, in the combination of the bar formed as described with the screen, and in the combination of screen and bar with the grate-frame or fire-place opening, all substantially as hereinafter more particularly set forth.

In the accompanying drawings, Figure 1 is a front elevation of a fire place provided with my screen, and Fig. 2 is a vertical section on the line XX of Fig. 1.

Similar letters of reference indicate like parts.

A is the screen, which consists of the metal rods B, each of which is here shown as provided with a ring C at one end. The rings C of the several rods B are connected by links D.

E is a bar, which is fixed in the fire-place opening just inside the grate-frame F. The middle portion G of said bar is depressed below the end portions H.

The screen A is suspended by rings I from bar D. As here shown, the screen A is made in two parts, which can be brought together or slid back on the bar D the rings I moving on said bar. When the parts of the screen are drawn back, as at A′, the rings I pass upon the straight end portions H of bar D, and the said parts remain in adjusted position. When the parts of the screen are moved together in front of the grate, its meeting edges tend to slide down the inclined portion of bar D toward the center by gravity, and thus the closing together of the parts is facilitated.

From Fig. 2 it will be seen that the screen is hung in front of the grate K, so that any hot coals or like material which may fly out of the grate will be intercepted by the rods B.

My device is very cheaply and easily made. It is ornamental in itself and tends to give a more agreeable appearance to the grate when there is no fire in it. It also serves to prevent access to the fire by children, and in general serves all the useful purposes which are now accomplished by the portable wire net-work screens usually placed in front of the fire-place. As the rods B are readily moved aside, the fire may be poked or stirred without disturbing the position of the screen as a whole.

The device may of course be applied to the door-openings of stoves.

In another application for Letters Patent simultaneously filed herewith by me, Serial No. 299,871, I have fully described and claimed a fire-screen consisting of a series of chains suspended at one end from a transverse support. The subject-matter of my aforesaid application I do not herein claim.

I claim—

1. In combination with a fire-place or mantel-frame, a fixed bar extending across the upper portion of said frame, and a series of laterally-connected metallic rods suspended from said bar and movable thereon.

2. In combination with a fire-place or mantel-frame, a fixed bar having a central depressed portion and straight end portions and extending across the upper portion of said frame, and a series of laterally-connected metallic rods suspended from said bar and movable thereon.

JOHN WOOL GRISWOLD.

Witnesses:
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