

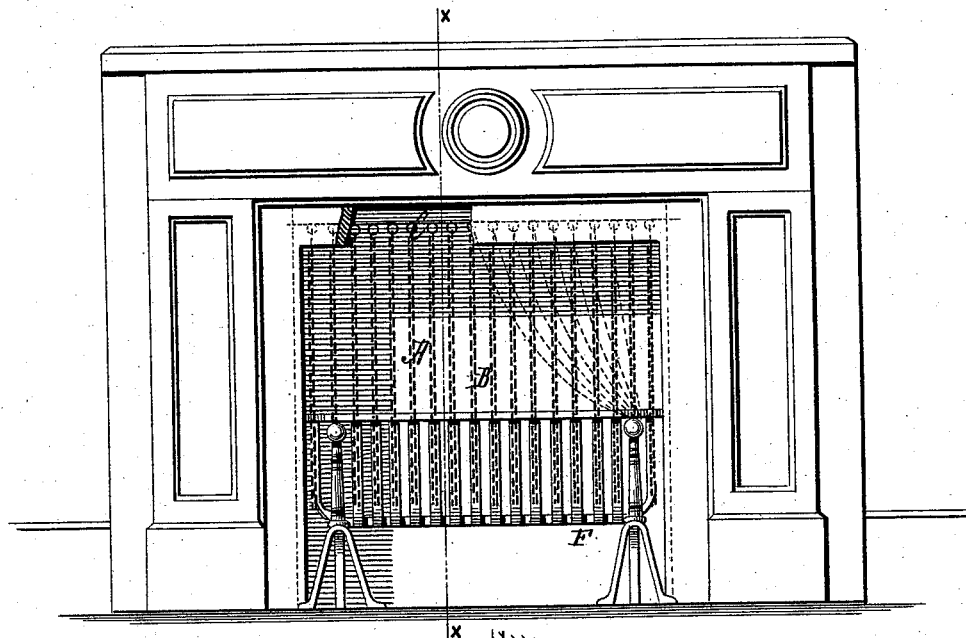
(No Model.)

J. W. GRISWOLD.  
FIRE SCREEN.

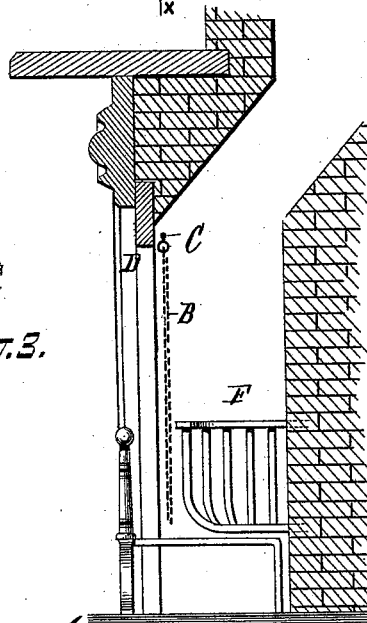
No. 418,713.

Patented Jan. 7, 1890.

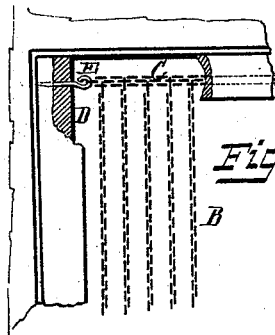
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

*Gustave Dittrich*  
*William Goebel*

INVENTOR

*John W. Griswold*

BY *Clark Benjamin*

*his*

ATTORNEY

# UNITED STATES PATENT OFFICE.

JOHN WOOL GRISWOLD, OF TROY, NEW YORK.

## FIRE-SCREEN.

SPECIFICATION forming part of Letters Patent No. 418,713, dated January 7, 1890.

Application filed February 14, 1889. Serial No. 299,871. (No model.)

*To all whom it may concern:*

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

My invention relates to a screen designed to be suspended in front of an ordinary fire-place or grate and having for its object the prevention of hot coals, &c., being thrown out upon the floor.

My device consists of a series of metal chains suspended at one end from a transverse support, which is fastened at its extremities across the opening in the mantel-piece or grate-frame.

In the accompanying drawings, Figure 1 is an elevation of a fire-place with my screen in place. Fig. 2 is a sectional view on the line X X of Fig. 1. Fig. 3 is a detailed view showing the mode of securing the transverse cross-chain in place.

A is the screen, which consists of a series of metal chains B, suspended at their upper ends in the grate-frame or fire-place opening D, Figs. 1 and 2. The chains B are suspended from a rod or cross-bar C. In Fig. 3 the chains B are suspended from a cross-chain c, which is fastened at its ends to eye-bolts E, inserted in the frame D and made taut, and the suspended chains B then fall in front of the grate F.

When access to the fire is desired, the chains B may be looped aside, as indicated by the dotted lines in Fig. 1, and the fire may

thus be poked or stirred without removing the screen from its fastenings.

This screen effectually prevents hot coals, &c., escaping from the front of the grate, is very cheaply and easily made, and presents an ornamental appearance. The form of chain may be varied at will.

In another application filed by me simultaneously herewith, Serial No. 299,872, I have fully described and claimed a fire-screen consisting of a series of non-flexible metal rods suspended from a bar extending across the fire-place. The subject-matter of my said application I do not herein claim.

I claim—

1. As a new article of manufacture, a fire-screen consisting of a transverse support and a series of metallic chains secured thereto each at one end and suspended therefrom.

2. As a new article of manufacture, a fire-screen consisting of a metallic cross-chain and a series of metallic chains secured thereto, each at one end, and suspended therefrom.

3. In combination with a grate or mantel-frame having the usual fire-place opening, a metallic cross-chain secured at its extremities transversely the upper part of said frame, and a series of metallic chains attached to said cross-chain, each at one end and suspended therefrom.

JOHN WOOL GRISWOLD.

Witnesses:

DAVID COWEE, Jr.,  
B. A. ROUSSEAU.