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E. HUTCHINSON, JR

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FIREPLACE SCREEN

Filed Aug. 14, 1928

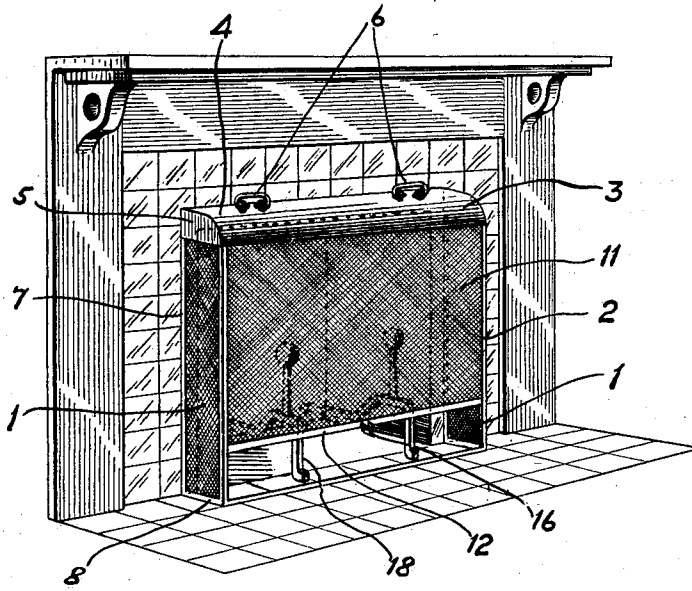


FIG. 1.

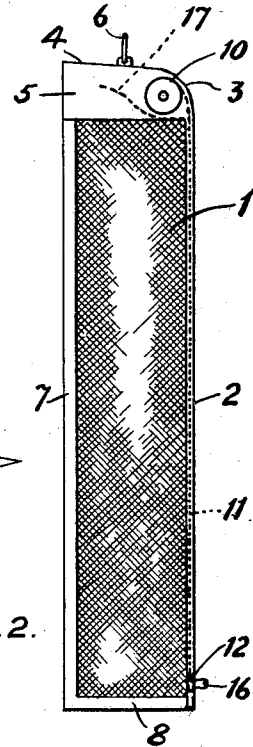


FIG. 2.

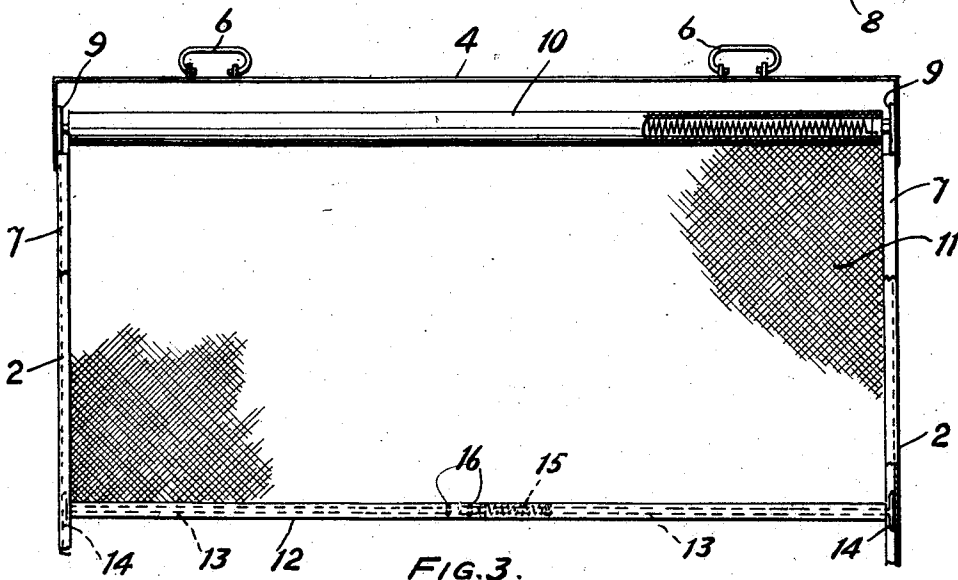


FIG. 3.

INVENTOR

WITNESS:

Robert A. Kistler

Edward Hutchinson, Jr.

BY *William J. Packer*
ATTORNEY.

UNITED STATES PATENT OFFICE

EDWARD HUTCHINSON, JR., OF PHILADELPHIA, PENNSYLVANIA

FIREPLACE SCREEN

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This invention, generally stated, relates to open fire places and has more especial relation to a screen or guard therefor which is of the portable type.

5 The leading object of the present invention is to provide a portable screen or guard of the character stated provided with a front portion which may be raised and lowered, curtain fashion in order to gain access to the
10 fire place when desired without removing the screen or guard from before the fire place as is now necessary.

A further object is to provide a neat, inexpensive and efficient arrangement, construction, and connection of parts for attaining the result sought by the leading
15 object.

Other and further objects not at this time set forth will appear hereinafter.

20 The invention consists of the novel construction hereinafter described and finally claimed.

The nature, characteristic features and scope of the invention will be more fully understood from the following description taken in connection with the accompanying
25 drawings forming part of this application, and in which:

Fig. 1, is a view in perspective of an open
30 fire place provided with a portable screen or guard embodying the invention.

Fig. 2, is a side view of the screen or guard;
and

Fig. 3, is a rear view of Fig. 2.

35 For the purpose of illustrating my invention, I have shown in the accompanying drawings one form thereof which is at present preferred by me, since the same has been found in practice to give satisfactory and reliable results, although it is to be understood
40 that the various instrumentalities of which my invention consists can be variously arranged and organized and that my invention is not limited to the precise arrangement and organization of the instrumentalities as here-
45 shown and described.

In the drawings there is disclosed a portable screen or guard, the major portion of which is constructed of wire mesh, which
50 screen or guard is adapted to be positioned

before an open fire place, as shown in Fig. 1, the open back of the screen or guard, see Fig. 3, abutting against the face of the fire place wall. The screen or guard according to the present invention comprises side pieces 1 of
55 wire mesh the sides being provided at the front edges with channel strips 2, see Fig. 3. The side pieces 1 at their top are curved as at 3, connecting which curved parts is a metal casing 4 which extends over the side pieces 1,
60 as at 5, see Fig. 2. The usual handles 6 are secured to this casing 4, in order that the screen or guard may be carried about when desired, although with my novel curtain this is seldom necessary. The screen or guard is
65 also provided with rear and bottom metal strips 7 and 8, see Fig. 2. From the above it is to be understood that those parts described are all fixed with respect to one another.

A description will now be given of the movable curtain for the front of the guard or screen. Rotatably mounted in brackets 9 carried by the parts 5 of cover or hood 4 is a spring roller 10 horizontally disposed and
70 of the general type of a conventional curtain roller and adapted to accomplish raising and lowering of the wire mesh curtain 11, the top of which is secured to said roller 10 and the bottom of which carries a metal, hollow
75 strip 12. This strip 12 has arranged therein oppositely disposed rods 13 provided with gripping members 14 for engaging the side walls of the channel members 2. The rods
80 13 are spring pressed as at 15, see Fig. 3, so that normally the members 14 grip the walls of the members 2. By moving the knobs 16 of said rods toward one another the grippers are caused to disengage frictional contact with the members 2 so that the spring roller
85 10 will elevate the curtain 11 to any desired position, it being understood that the moment the operator releases the knobs 16 the gripping members again frictionally engage the members 2 and overcome the action of the spring roller. It is thus apparent, as clearly
90 shown in Fig. 1, that the curtain may be raised to any desired height and maintained in that position. This provides a very handy method of feeding wood to the fire or other necessities in connection with open fire places
100

without the necessity of actually removing the screen or guard the advantages of which are apparent. The reference numeral 17 designates a baffle plate for the deflecting of heat waves away from the spring roller 10. By having the guard or screen swelled out at its front, as shown, I am enabled to make use of conventional fire-dogs or andirons 18 so that curtain 11 may be raised and lowered without interference.

What I claim is:

A portable screen or guard for removable position before an open fire place and having an open back for resting against a fire place wall and having an extended or swell wire mesh front to extend well beyond the fire place wall in order to accommodate the fire dogs and having wire mesh sides, a metal cap having flat sides and a curved front arranged at the top of said screen or guard, handles for said metal cap, a curtain including spring actuated means therefor at the front of said screen or guard, means for maintaining said curtain fixed against the action of said spring actuated means, said means including a pair of endwise, movable, spring controlled grippers for engaging a fixed part of said screen or guard, and a baffle plate arranged below and to the rear of said spring actuated means for deflection of heat waves therefrom.

EDWARD HUTCHINSON, JR.