Sept. 19, 1950 J. A. DURST, JR 2,523,200

FIREPLACE GRILL

Filed May 11, 1949

Fig 1

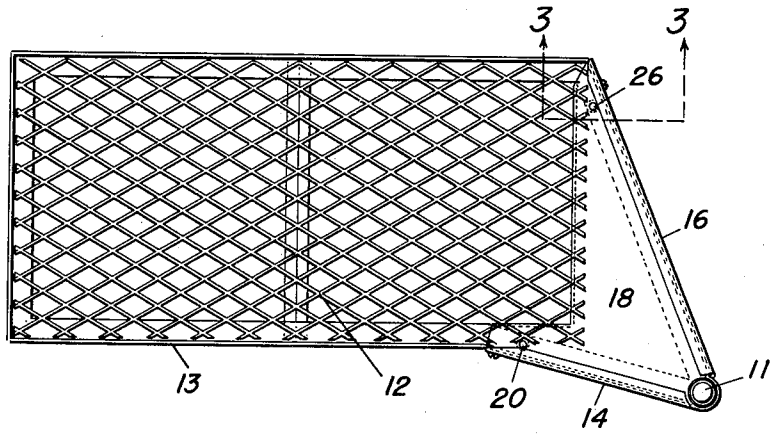
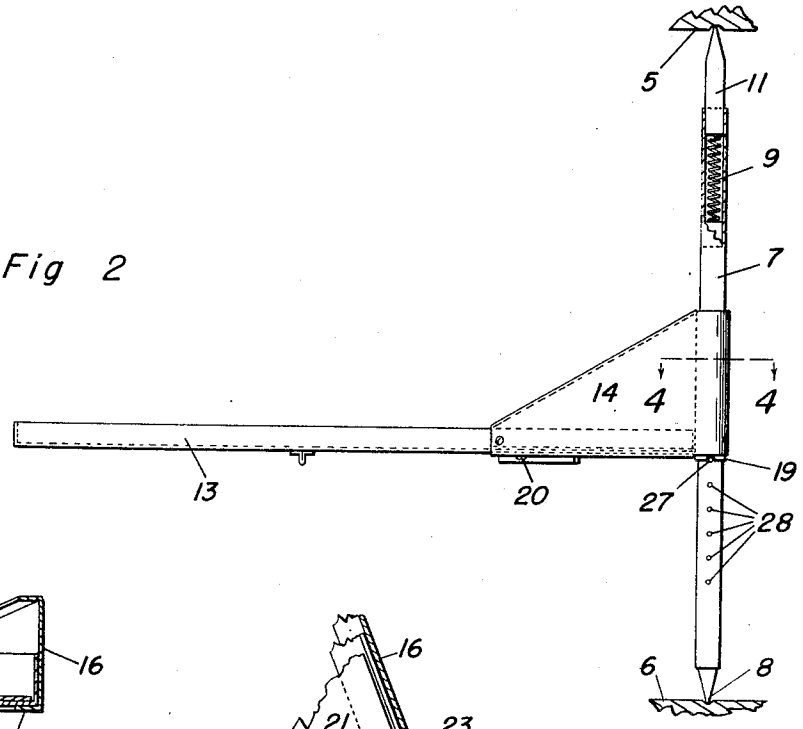


Fig 2



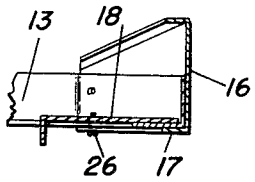


Fig 3

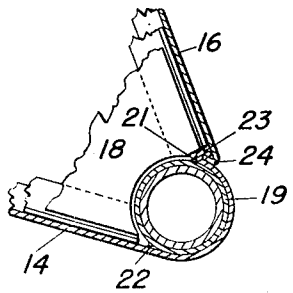


Fig 4

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Patented Sept. 19, 1950

2,523,200

UNITED STATES PATENT OFFICE

2,523,200

FIREPLACE GRILL

John A. Durst, Jr., Mountain View, Calif.

Application May 11, 1949, Serial No. 92,718

1 Claim. (Cl. 126—137)

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This invention relates to improvements in fireplace grills and has particular reference to a grill which may be used in conjunction with the ordinary open fireplace which is commonly found in residences.

The principal object of this invention is to provide a grill which may be knocked down to a flat package for shipping or storage and, when assembled, a grill which will be automatically adjustable to fit the ordinary fireplace opening so that the same may be moved into and out of cooking position above the bed of coals in the fireplace.

A further object is to produce a device of this character which is economical to manufacture, one which is neat in appearance, and one which can be easily assembled and disassembled.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a top-plan view of my grill,

Fig. 2 is a front elevation of my grill, as the same would appear in use,

Fig. 3 is a cross-sectional view, taken on the line 3—3 of Fig. 1, and

Fig. 4 is a cross-sectional view, taken on the line 4—4 of Fig. 2.

It is a well-known fact that the average fireplace provides an excellent place where food may be cooked, as was done in the olden days when suitable hooks, cranes and the like were incorporated in the fireplace upon which pots could be hung. The modern fireplace, however, is relatively small and, therefore, it is not feasible to install permanent cranes or other supporting structures as the same would be in the way of the logs which are usually placed on the fireplace basket or on the andirons. Consequently, it is common practice for a person to have to hold the cooking utensil through the use of a long handle, which is a very tedious operation and one which, due to the heat, is a very uncomfortable one.

Applicant has, therefore, devised a grill arrangement which may be quickly installed in the ordinary fireplace and one which may be swung to a position above the fire or away therefrom and a device which may be adjusted to accommodate for the various heights of the coals or logs over which the grill is to be placed.

In the accompanying drawings wherein, for the purpose of illustration, is shown a preferred embodiment of my invention, the numerals 5 and 6

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designate the bricks adjacent the top and bottom respectively, of the fireplace opening.

These bricks serve to support an expansion rod comprising a tubular supporting member 7, having a pointed extremity 8, adapted to engage the brick 6, while a spring 9, tends to move a pointed slider 11, against the brick 5.

The support thus formed serves to slidably and rotatably position a grill 12, supported by a substantially rectangular frame 13, which is, in turn, supported by a pair of wings 14 and 16.

Each of these wings 14 and 16, has a bottom flange, as shown at 17 in Fig. 3, which underlies the bottom of the frame 13.

It will also be noted that the frame 13, has a triangular extension 18, which forms a shelf, the purpose of which will be later seen.

This wing 14, is also curved about a tubular slider 19, and is welded thereto, as shown at 21 and 22. The end of the wing adjacent the weld 21, is bent upon itself so as to form a hooked extremity 23, to, in turn, engage the hooked extremity 24, of the wing 16.

The result of this construction is that, when the parts are in a knock-down form, it is merely necessary to secure the wing 14, together with its tubular slider, to the rectangular frame 13, through the use of screws, as shown at 20, and to then hook the wing 16, to the hooked end 23, of the wing 14, and to attach this wing to the frame 13, by a screw 26. The slider is now mounted upon the tubular supporting member 7, and is adjusted to proper height through the medium of a pin 27, which may be placed through any one of the openings 28.

The support, as a whole, is now placed in the fireplace opening so that the pointed end 8 and the pointed end 11 engage the top and bottom bricks of the fireplace opening. The grill, as a whole, may now be swung out of the fireplace so that dishes or food may be placed upon the grill and then the same may be moved to a place within the fireplace and above the coals so that the heat will serve to cook the food.

The shelf 18, serves as a place for cooking biscuits and the like, the wings 14 and 16, acting as reflectors to cook the farside of the food upon the shelf.

It will thus be seen that I have produced a grill which has all of the advantages above set forth.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted

to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:

A grill for a fireplace comprising a substantially rectangular frame, a pair of wing members, each having a bottom flange engaging said frame, one of said wing members having a tubular member secured thereto and having the axis thereof vertically disposed with respect to the surface of said frame when said frame is in horizontal position, the other of said wing members being detachably secured to said first-mentioned wing member and to said rectangular frame, and an expansible support slidably positioned in said tubular member.

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