Feb. 19, 1924. 1,484,368

C. O. ALFORD

FIREDOG OR ANDIRON

Filed Oct. 23, 1923

Fig. 1

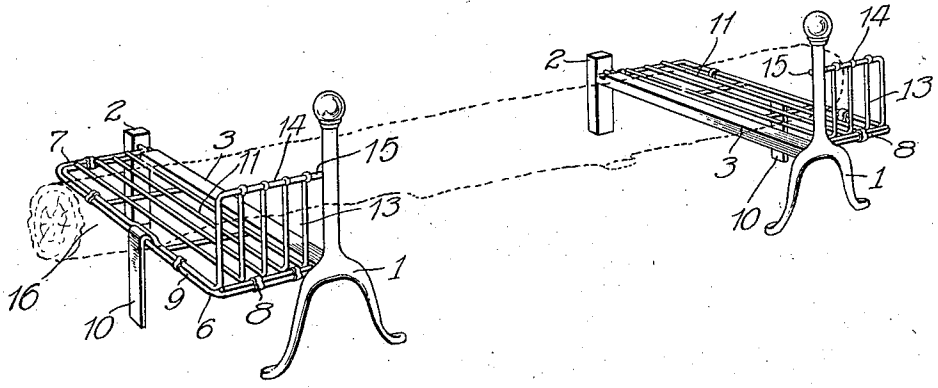


Fig. 2

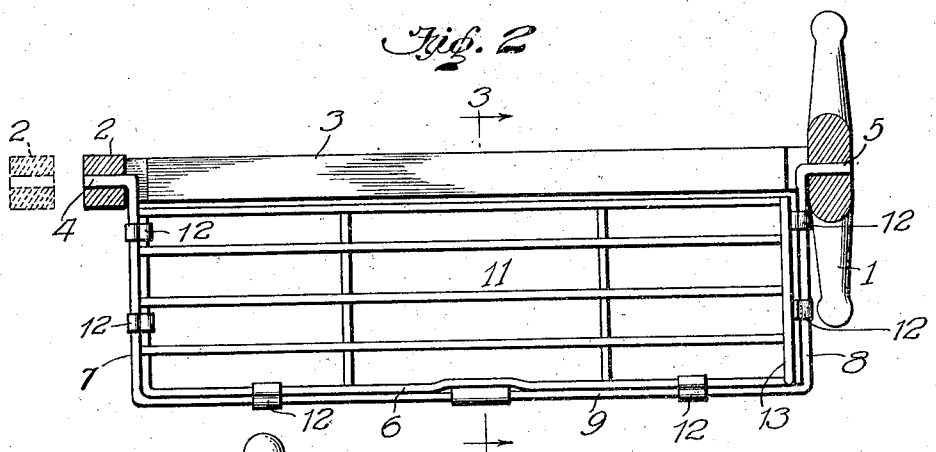
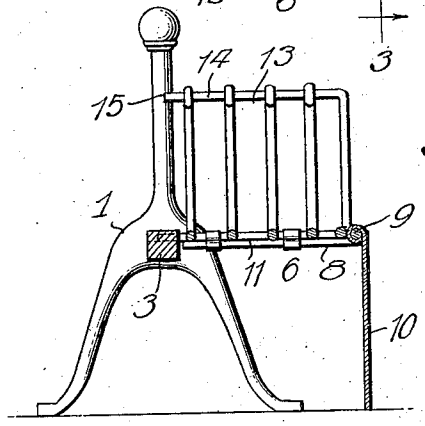


Fig. 3



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Patented Feb. 19, 1924. 1,484,368

UNITED STATES PATENT OFFICE.

CHARLOTTE O. ALFORD, OF ST. PAULS, NORTH CAROLINA.

FIREDOG OR ANDIRON.

Application filed October 23, 1923. Serial No. 670,315.

To all whom it may concern:

Be it known that I, CHARLOTTE O. ALFORD, a citizen of the United States, residing at St. Pauls, in the county of Robeson and State of North Carolina, have invented certain new and useful Improvements in Firedogs or Andirons, of which the following is a specification.

This invention relates to certain new and useful improvements in andirons or firedogs, and it has for its objects among others to provide a novel form of andiron having a pivoted grate portion which may be turned upon its pivot to dump the embers, and turned into such position as to form a support for short logs or the like.

It has for a further object to provide a device of this character composed of few parts, those readily assembled, not liable to get out of order and which shall be efficient and dependable in use.

Other objects and advantages of the invention will hereinafter appear and the novel features thereof will be specifically defined by the appended claims.

The invention, in its preferred form, is clearly illustrated in the accompanying drawings, which, with the numerals of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view showing a pair of andirons in position for use, with a log shown supported thereon, in dotted lines.

Figure 2 is a top plan on an enlarged scale with parts in section, of one of the andirons.

Figure 3 is a section on the line 3—3 of Figure 2, looking in the direction of the arrows.

Like numerals of reference indicate like parts throughout the several views.

Referring to the drawings—

1 designates an upright, which may be of any fanciful or other design, as may be desired. This constitutes the front member of the device. The rear member 2 may be any form of upright, as it is designed to be located in the fire place where it is not prominent.

3 is a member either rigid with the member 1, and if desired, with the member 2, or detachable therefrom in any suitable way so as to allow of compact storing when not in use or for shipment. It is preferably separable from the rear member 2 so that the latter may be moved away from the end of the member 3 as indicated by dotted lines in Figure 2 to allow of the insertion and removal of the arm 4 which is a part of the frame of the grate now to be described, the opposite pintle or arm 5 being formed on the opposite end of the grate as seen in Figure 2. When in operative position the members or pintles 4 and 5 are supported in suitable openings in the members 1 and 2 as seen best in Figure 2 and serve as the pivots for the grate.

The members 4 and 5 are rigid with the grate support 6 which comprises the two ends 7 and 8 and the longitudinal member 9 joining them, preferably integral therewith, as seen clearly in Figures 1 and 2.

The front member 9 is provided with a depending supporting member 10 one or more, which is preferably pivotally mounted on the said member 9 so that it may be folded up against the under side of the grate when desired.

Disposed for movement with the grate support 6 is a grate member 11 which may be rigid therewith or detachably connected therewith so that it may be bodily separated therefrom when necessary. In the present instance it is shown as separate therefrom and detachably held thereto by means of suitable clips or the like 12, of which there may be as many as may be found necessary. These clips should be of such nature as to permit of detachment of the grate member when desired but to hold it stable in position on the grate support 6 when the device is in use.

The grate member has at the front end an upstanding portion 13 as seen in Figures 1 and 3, the top bar 14 of which is extended as seen at 15 in Figures 1 and 3 to engage the upright portion of the member 1 to prevent the upright portion from being forced outward by the logs on the grate.

In use, two of the devices are employed, spaced apart as far as required, the grate portions are turned into the position in which they are seen in Figure 1, the members 10 are turned down to support the grate and its support, the extension 15 bearing against the inner face of the member 1, as seen clearly in Figure 1. The log 16 is placed upon the grate portions and the fire lighted. When the fire is no longer required and when the log has been burned

through the grate portions are turned on their pivots toward each other and the embers dumped into the fire place. When turned into dumping position the grate members are supported in horizontal position by the upright portions 13 which are then, of course, in the reversed position from that shown in Figure 1. When the grate portions are thus turned toward each other they can be used to support short logs, as will be readily understood.

Modifications in detail may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

What is claimed as new is;—

1. A device of the character described comprising rear and front supports, and a grate member pivotally mounted therein for use in either of two positions.

2. As an improved article of manufacture, a fire dog provided with a pivotally mounted grate section.

3. As an improved article of manufacture a fire dog provided with a pivotally mounted grate section having a front upstanding portion.

4. As an improved article of manufacture, a fire dog having a pivotally mounted grate section and a depending member forming a support therefor.

5. As an improved article of manufacture a fire dog provided with a pivotally mounted grate section and a supporting member pivotally mounted thereon.

6. The fire dog described comprising front and rear supports and a connecting member, and a grate support having extensions engaged in said supports and forming pintles on which the grate section may turn to be inverted.

7. The fire dog described comprising front and rear supports, a member connecting the same, a grate support pivotally mounted in said supports, and a grate section movable with the said grate support and having an upstanding portion at the front end.

In testimony whereof I affix my signature.

CHARLOTTE O. ALFORD.