

June 19, 1923.

1,458,981

M. A. KELLER

COOKING STOVE

Filed Aug. 7, 1922

Fig. 1.

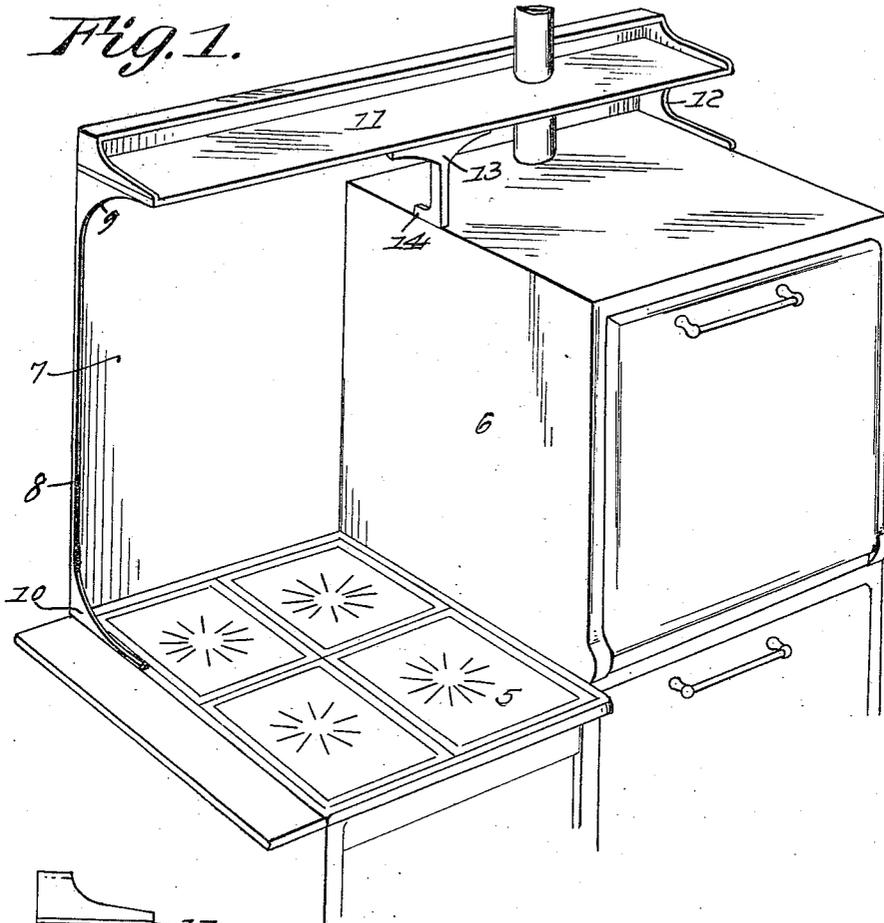
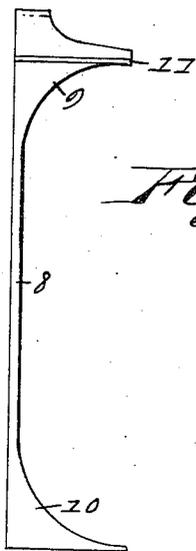


Fig. 2.



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UNITED STATES PATENT OFFICE.

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COOKING STOVE.

Application filed August 7, 1922. Serial No. 580,184.

To all whom it may concern:

Be it known that I, MARY A. KELLER, a citizen of the United States of America, and resident of Winona, in the county of Winona and State of Minnesota, have invented certain new and useful Improvements in Cooking Stoves, of which the following is a specification.

This invention relates to gas or vapor burning stoves, and has for an object the provision of novel means for facilitating the placing of cooking utensils such as kettles and the like on the burners of the stove, and the removal of those that are in the rear portion of the stove.

With stoves of this character now in common use, the shelf is usually so low as to make it inconvenient, if not almost wholly impossible, to lift kettles or cooking utensils from the burners at the back of the stove, over the kettles that are on the front burners, and it is usually necessary to remove the kettles from the front burners to accomplish the removal of those at the rear.

The shelf usually interferes with the elevation of the kettles at the rear, and they cannot be taken from the end of the stove, owing to the presence of the shelf supporting bracket or what may be termed a "side board" that extends beyond the center, and in some constructions, wholly beyond the line of the rear burners.

Furthermore, in constructions now in common use, the shelf usually rests on the oven or in such close proximity thereto as to leave no clearance for placing plates or the like, on the oven under the shelf.

It is an object of this invention to provide a novel shelf supporting device which will hold the oven at such height with regard to the burners, as to permit kettles or cooking utensils to be applied to the rear burners over the kettles or cooking utensils that are on the front burners; and furthermore, to provide means by which the said kettles can be slid from the end of the burner section, without disturbing the cooking utensils on the front burners.

It is a further object of this invention to provide novel means by which the shelf is supported at its ends and between its ends, in order that it will sustain unusual weights when dishes or the like have been placed on them.

With the foregoing and other objects in view, the invention consists in the details of

construction, and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this application wherein like characters denote corresponding parts in the several views, and in which—

Figure 1 illustrates a view in perspective of a stove embodying the invention, the base being omitted; and

Figure 2 illustrates an end view of the back and shelf showing the side board in elevation.

In these drawings, 5 denotes the usual burner area, 6 the oven, and it is to be understood that in the manufacture of these stoves, the oven may be placed at the end now occupied by the burners, and the burners would, of course, be on the end now occupied by the oven. It is known in the art that stoves are made with this interchangeable feature, so that the inventor does not wish to be limited with respect to the arrangement illustrated.

A back member 7 is of ordinary construction, except that it is higher than those ordinarily employed, and one end is provided with a flange 8 of relatively narrow dimensions which terminates at the top and bottom in bracket-like elements 9 and 10 respectively.

The bracket element 10 rests on the stove, whereas the bracket element 9 supports the shelf 11 at one end. The opposite end of the shelf is supported by a bracket 12 that is interposed between the oven and the shelf for holding the said shelf in spaced relation to the oven. As a means for supporting the shelf between its ends, a bracket is interposed between the oven and the said bracket, and it has a head 13 which is relatively long to produce a bearing surface on which the shelf may rest, and the said bracket has a foot 14 resting on the oven near its edge.

It will be seen from an inspection of the drawing that the shelf is supported above the oven in such a way as to produce a clearance thereunder for the reception of dishes and the like, and the provision of the side board which is relatively narrow, leaves a clearance at the rear of the burner section of the stove for the purpose indicated.

The cost of constructing a stove in accordance with this invention will not be materially greater than stoves made in the ordinary way, whereas it is believed that the advantages resulting from the structure will be appreciated as being of a marked character.

I claim:

1. In a cooking stove, a burner section and an oven adjacent thereto, a back section supported at the rear of the oven and burner section, brackets extending outwardly at the top and bottom of the back at one end, one of the said brackets resting on the burner section and constituting a brace for the back, a shelf supported by the upper bracket, and means for supporting the

shelf above the oven in spaced relation thereto.

2. In a cooking stove, a burner section and an oven adjacent thereto, a back section supported at the back of the oven and burner section, a bracket at the top and bottom of the back section at one end, a shelf supported by the top bracket, the lower bracket resting on the burner section to act as a support for the back section, a bracket interposed between the oven and the shelf and resting on the oven at the end of the shelf, and a bracket interposed between the shelf and the oven resting on the said oven between the ends of the shelf.

MARY A. KELLER.