No. 648,860. Patented May 1, 1900.

M. DOYLE.

SHELF.

(Application filed Nov. 29, 1899.)

(No Model.)

Fig. 1.

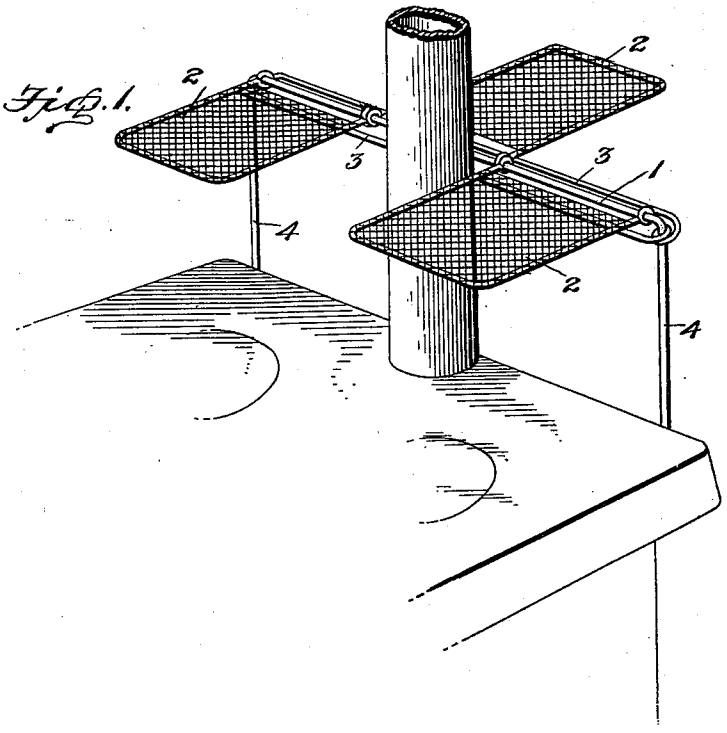


Fig. 2.

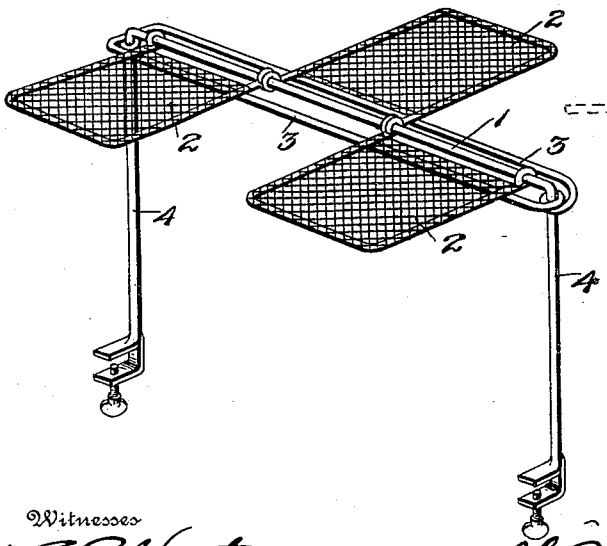
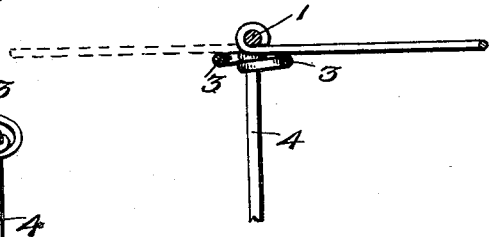


Fig. 3.



Witnesses

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SHELF.

SPECIFICATION forming part of Letters Patent No. 648,860, dated May 1, 1900.

Application filed November 29, 1899. Serial No. 738,630. (No model.)

To all whom it may concern:

Be it known that I, MARGARET DOYLE, a citizen of the United States, residing at Emmettsburg, in the county of Palo Alto and State of Iowa, have invented certain new and useful Improvements in Shelves; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to shelves, and more particularly to that class of devices known as "stove-shelves," upon which is placed bread-sponge or articles of food.

The object of the invention is to provide a shelf of this character which shall be simple of construction, durable in use, and comparatively inexpensive of production, and which is provided with hinged sections, one or more of which may be swung over the stove or from over the stove, as may be desired, and be supported in either of these positions in a horizontal plane.

To this end the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view illustrating the application of my invention to a stove and showing the device secured to the rear edge of the stove and partially surrounding the stovepipe. Fig. 2 is a detail perspective view of the device removed. Fig. 3 is a vertical sectional view taken through one of the shelf-sections, showing in dotted lines the section swung in one position and in full lines the section swung in the opposite position.

In the drawings the same reference characters indicate the same parts of the invention.

1 denotes the "hinge-rod," so called because the shelf-sections 2 are suitably hinged thereto, and 3 denotes "supporting-rods," so called because the sections are supported in a horizontal plane by these rods either when they are swung over the stove or from over the stove. These supporting-rods are connected to the hinge-rod in any suitable manner and are arranged below and to one side of the hinge-rod. 4 denotes supporting-arms connected at their upper ends to the said rods and having at their lower ends clamps, by means of which the device may be attached to the top plate of the stove.

This device may be attached either in the front, at the side, or at the rear of the stove. As shown in Fig. 1, it is attached to the rear of the stove and partially surrounding the stovepipe.

The shelf will be found to be very useful in that if it be desired to keep articles of food very warm one or more of the sections may be swung directly over the stove, and if it be desired to keep the articles of food not quite so warm one or more of the sections may be swung from over the stove and to one side thereof. For instance, suppose it be desired to soften butter (which becomes very hard in cold weather, rendering it difficult to spread) and yet not melt it. One of the shelf-sections may be swung from over the top of the stove to one side and the butter-dish placed upon it, while the other shelf-sections may contain the articles of food desired to be kept very warm. Furthermore, by providing a construction by means of which the shelves may be swung from a horizontal position over the stove to a similar position to one side of the stove I am enabled to secure the device to the back of the stove adjacent to the stovepipe. When I do this, the middle shelf-section is swung rearward or from over the top of the stove, so that the stovepipe may project up between the sections and the heat from said pipe be used to additionally warm the contents supported by the shelf-sections.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my improved stove-shelf will be readily apparent without requiring an extended explanation.

The device is simple of construction. Said construction permits of its manufacture at small cost, and it is exceedingly well adapted for the purpose for which it is designed, and it will of course be understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

In a shelf adapted to be secured to a stove, the combination with the horizontally-disposed hinge-rod having vertical arms provided at their lower ends with clamps or fastening means, of supporting-rods consisting of a single piece of material formed with eyes which are engaged with the vertical arms of the hinge-rod, the horizontal portion of the supporting-rods being arranged at opposite sides of the hinge-rod, and shelf-sections hinged to said hinge-rod and adapted to be supported in a horizontal position by the supporting-rods forwardly over the stove or rearwardly from over the stove, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

MARGARET DOYLE.

Witnesses:
J. C. ARMSTRONG,
A. L. ORMSBY.