

No. 890,861.

PATENTED JUNE 16, 1908.

W. L. HOGG.
OVEN SHELF.

APPLICATION FILED FEB. 24, 1908.

Fig. 1.

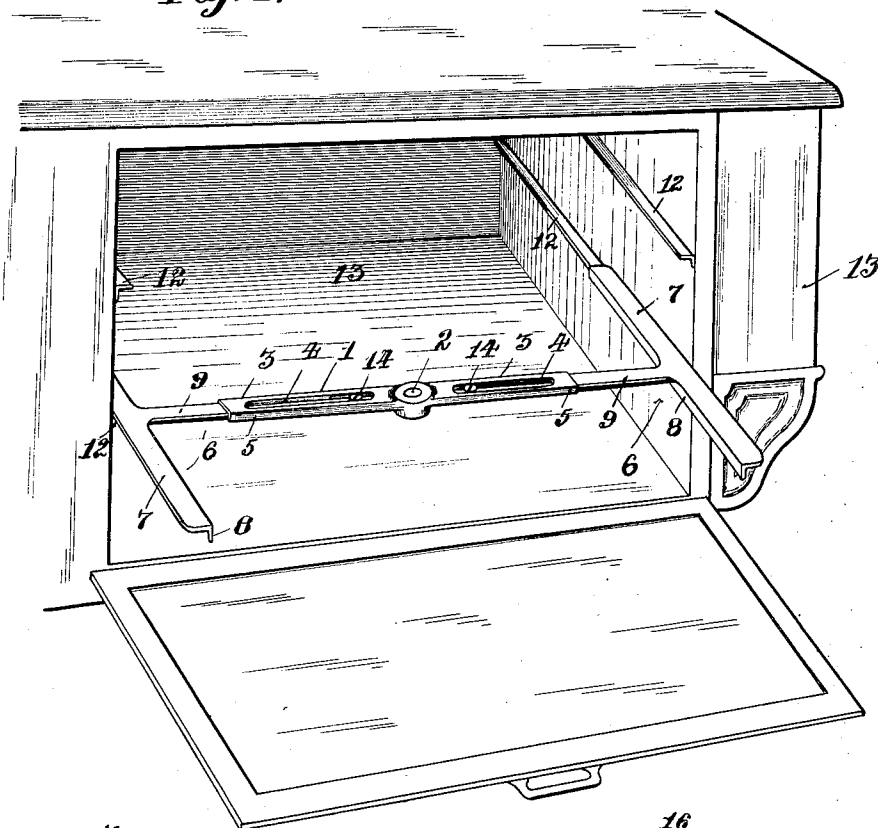


Fig. 2.

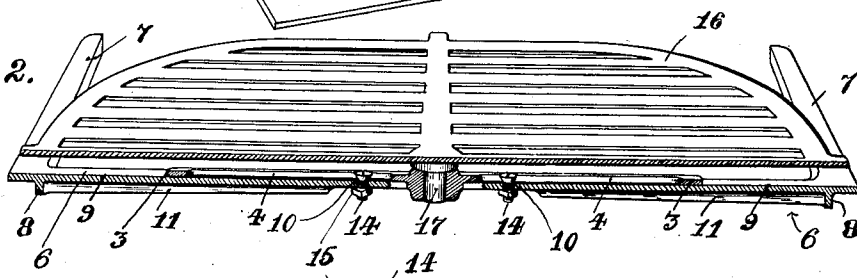
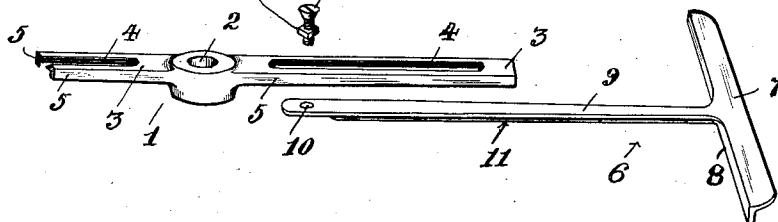


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM LOVITT HOGG, OF PORTLAND, MAINE, ASSIGNOR OF ONE-HALF TO JOHN BROWN,
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OVEN-SHELF.

No. 890,861.

Specification of Letters Patent.

Patented June 16, 1908.

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To all whom it may concern:

Be it known that I, WILLIAM LOVITT HOGG, a subject of the King of Great Britain, resident of 106 Clark street, in the city of Portland, in the State of Maine, one of the United States of America, have invented certain new and useful Improvements in Oven-Shelves, of which the following is a specification.

The invention relates to improvements in oven shelves, as described in the present specification and illustrated in the accompanying drawings that form part of the same.

The invention consists essentially in supporting an oven shelf by means of an adjustable skeleton frame.

The objects of the invention are to devise an oven shelf in which the parts are so arranged as to fit into different sizes of ovens and to provide a shelf, preferably of a rotatable nature, which shall enable the housewife or cook to readily reach the viands thereon.

In the drawings, Figure 1 is a perspective view of the shelf support partially inserted in the oven. Fig. 2 is a sectional perspective view of the support and the shelf arranged thereon. Fig. 3 are details in perspective of the skeleton support parts.

Like numerals of reference indicate corresponding parts in each figure.

Referring to the drawings, 1 is the bearing member of the skeleton frame having the central and vertical journal orifice 2 and the arms 3 extending laterally therefrom, the said arms having longitudinal slots 4 there-through for the greater part of their length, terminating at their outer ends in proximity to the ends of the arms and at their inner ends adjacent to the journal orifice 2.

5 are flanges extending downwardly at each side from the arms 3 and forming a longitudinally recessed under side to said arms.

6 are the outer supporting members of the skeleton support formed of the rest pieces 7, having the downwardly extending flanges 8, and the inwardly extending legs 9, each of said legs having a bolt hole 10 therethrough at the extreme inner end and a strengthening rib 11 on the under side.

12 are the side brackets in the oven 13 and on which the rest pieces 7 are supported, the legs 9 from said rest pieces extending inwardly into the grooved undersides of the

arms 3 and being held firmly to said arms 3 by the bolts 14, extending through the slots 4 and the orifices 10, the said bolts and nuts 15 firmly holding said arms and said legs together.

It will readily be seen that by unscrewing the nuts 15, the legs 9 may be drawn along the grooved undersides of the arms 3 to the full extent of the length of the slots 4, and when the said legs have been drawn out sufficiently to reach the full width of the oven, the bolts may then be tightened and hold the skeleton support firmly in place, care being taken to have the bearing of the journal orifice 2 substantially in the center of the oven. Any other suitable form of fastening means may be used for securing the legs 9 to the arms 3 and further the said arms and legs may be formed in various ways for longitudinal adjustment, the main feature being the drawing out of said legs from a bearing piece in the middle.

16 is a shelf here shown as of substantially circular form with grates, though other shapes or makes of shelf will answer the purpose of this invention. 17 is a pivot pin extending downwardly from the center of the underside of the said shelf 16 and inserted in the journal orifice 2, so that the said shelf 16 may freely rotate. An oven shelf is thus formed, which may be applied very generally, and need not necessarily be confined to one particular make of stove, in fact the ordinary consumer can purchase one of these rotatable shelves and apply it to his own stove, consequently in order to use them, the public are not entirely dependent on whether one or more stove manufacturers adapt them to their stoves.

What I claim as my invention is:

1. An oven shelf, comprising the shelf proper and a support formed of a central bearing member having laterally extending arms and side or outer members having inwardly extending legs from suitable rest pieces, said legs being secured to said arms and longitudinally adjustable thereon.

2. An oven shelf, comprising the shelf proper, a skeleton support formed of a central bearing member having lateral extending arms therefrom and longitudinal slots through said arms and side or outer members having legs secured to said arms and adjustable thereon to the extent of the length of said slots and rest pieces extending from the

extremities of said legs along suitable brackets in an oven.

3. An oven shelf, comprising the shelf proper having a central pivot pin extending
5 downwardly from its underside and a skeleton support having a central bearing member and a journal orifice in said bearing member receiving the said pivot pin and arms extending laterally from each side of said orifice, said arms having a U-shaped longitudinal groove in their under sides and slots
10 therethrough extending for the greater part of their length and T-shaped side or outer

members each of said members having a bolt hole therethrough at the inner end of the central leg and suitable bolts extending through
15 said bolt holes and adjustably securing said legs to said arms.

Signed at the city and district of Montreal, in the Province of Quebec, in the Dominion
20 of Canada, this 11th day of February, 1908.

WILLIAM LOVITT HOGG.

Witnesses:

GRACE TRESIDDER,
P. SHEE.