

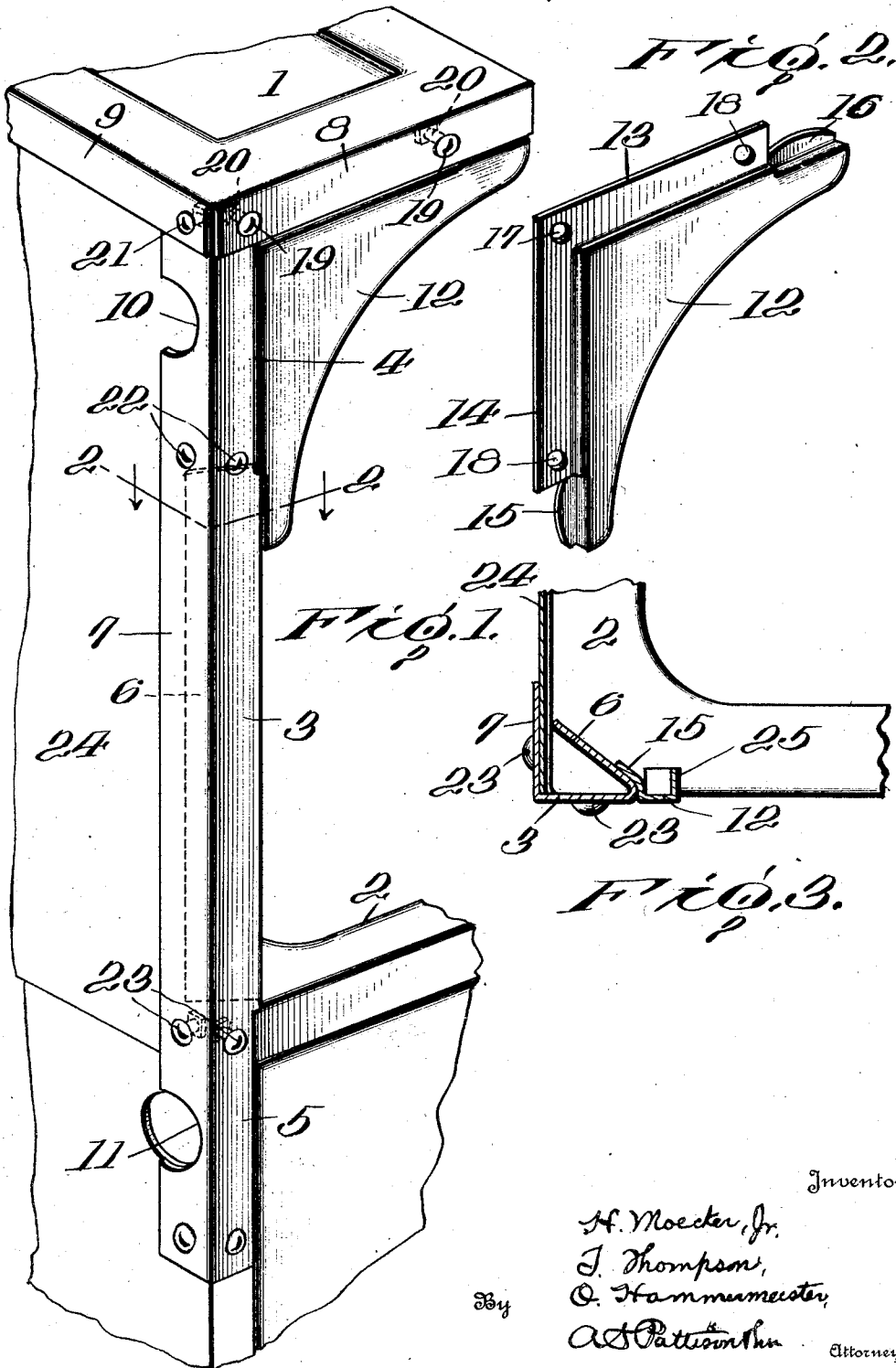
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H. MOECKER, JR., ET AL

BRACKET FOR GAS RANGES

Filed March 24, 1925



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UNITED STATES PATENT OFFICE.

HENRY MOECKER, JR., OF HOMEWOOD, AND THEODORE THOMPSON AND OTTO HAMMERMEISTER, OF HARVEY, ILLINOIS, ASSIGNORS TO AMERICAN STOVE COMPANY, OF ST. LOUIS, MISSOURI, A CORPORATION OF NEW JERSEY.

BRACKET FOR GAS RANGES.

Application filed March 24, 1925. Serial No. 17,936.

To all whom it may concern:

Be it known that we, HENRY MOECKER, Jr., THEODORE THOMPSON, and OTTO HAMMERMEISTER, all citizens of the United States, residing at Homewood and Harvey, respectively, in the county of Cook and State of Illinois, have invented new and useful Improvements in Brackets for Gas Ranges, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to improvements in brackets for gas ranges, and the improvement has special relation to a bracket for what is referred to in the trade as a high shelf for ranges, and also to certain component parts which cooperate with the bracket.

The primary object of the present invention is the making of a bracket for range shelves which is adapted to be used for either a right hand or left hand oven range, by simply turning the bracket end for end.

A further object of the present improvement is the construction of a bracket having its horizontal and vertical sides of the same length and the end of each side provided with a wing adapted to co-operate with the vertical standard between the shelf and the cooking top.

Further objects of the present invention will appear from the following description and drawings thereof.

In the accompanying drawings—

Figure 1 is a perspective view of our improved shelf showing it in operative relation with its co-operating parts.

Fig. 2 is a detached perspective of the bracket alone.

Fig. 3 is a horizontal sectional view on the line 2—2 of Fig. 1, looking in the direction indicated by arrow.

Referring now to the drawings showing the invention, 1 is the high top range shelf and 2 the cooking top located below the shelf.

Extending between the outer inner corner of the shelf and the corresponding part of the cooking top 2, is a supporting standard 3. This standard, as shown, has its top and bottom cut out as shown at 4 and 5, and between these cut out parts of the standard 3, the said standard is bent inward as shown

at 6, whereby the bent portion 6 extends across the right angle of the standard or support 3. The support proper, as will be noted, is made right angular in cross section and the bent part 6 extends toward the rear wall 7, of the support.

The edges of the shelf 1 are turned downward, as shown at 8 and 9, and the upper end of the support 3 is placed inside of these downwardly bent parts.

The construction of the support 3 is shown in our co-pending application Serial No. 7030, filed February 5th, 1925, and in which application it is described that this support is adapted to be used for either a right or left hand oven range by being turned end for end. That is to say the cut-out parts 4 and 5, at its top and bottom, are exactly the same length, and the bent in portion 6 is located substantially midway between its top and bottom. Therefore, it will be observed that by turning this support end for end, it can be used for a left hand oven range, as well as for a right hand oven range, with which type of range it is shown in the accompanying drawings. Also the rear wall has near its opposite ends the curved cut out parts 10 and 11, which are for the purpose of permitting the passage of the fuel pipe (not shown) for either a right or left hand range.

It will also be noted that the cut out portions 4 and 5, when the support is reversed, one of them is adapted to receive the bracket 12, and the other is adapted to rest on the cooking top 2.

In the accompanying drawings, the bracket 12 has its top and rear edges 13 and 14 formed laterally inward. This construction enables the laterally formed portions to be placed inside of the flange 8 and inside of the cut out portion 4, as shown in the drawings.

Additionally, this bracket is provided at its lower end and at its forward end with wings 15 and 16, the wing 15 adapted to fit against the bent in portion 6, and the wing 16 extending inside of the flange 8.

This bracket 12 is provided with three bolt openings 17, one of them being placed in the center of the deflected portions, and the other 18 being placed equal distance from the ends of the deflected portions.

Also the bent flange 8 has the two openings 19 which are located to register with the openings 17 to receive clamping bolts 20.

The flange 9 of the shelf has a bolt opening 21, which registers with a corresponding bolt opening in the rear wall 7 of the support 3.

The support 3 also has two openings 22 in the cut out portion 4, and at its opposite end two openings 23 adapted to receive clamping bolts.

The backing 24 is located between the bent part 6 and rear wall 7 of the support 3, as shown.

It will be observed that the deflected portions are substantially as much shorter as the length of the said wings. This enables the bracket to be fit on the support 3 with the lower end of the deflected portion substantially resting on the upper end of the bent-in part 6. Both ends being cut out the same distance the bracket is reversible in the manner herein described, whereby it is adapted to be used for either a right or left hand range.

For the purpose of giving a finished appearance to the bracket, the edge is turned inward, as shown at 25, thus giving the bracket a finished appearance as well as adding strength and rigidity thereto.

We do not desire to limit ourselves to the precise construction, since it may be varied so long as it is within the scope and spirit of the appended claims.

Having thus described our invention, what we claim and desire to secure by Letters Patent is:—

1. A bracket arrangement for ranges comprising a shelf, a reversible bracket provided at its upper edge with a deflected portion adapted to fit alongside of the shelf.

2. A bracket arrangement for ranges, comprising a shelf, a vertical support, and a bracket having its edges deflected and fitting inside of the shelf and the support.

3. A bracket arrangement for ranges, comprising a shelf having a downwardly bent edge, a support having its upper end connected to the inner part of the shelf, of a bracket having deflected edges of substantially the same length fitting respectively within the flange and the vertical part of the support, said flange, support and bracket having registering openings to receive clamping bolts.

4. A bracket arrangement for ranges, comprising a shelf, a vertical support, a bracket provided at both ends with inturned wings co-operating with the support and the shelf.

5. A bracket arrangement comprising a shelf, a vertical support, a bracket having

wings at each end of the same length, said wings adapted to respectively co-operate with either the shelf or support, for the purpose described.

6. A bracket arrangement for ranges, comprising a shelf, a support having a cut out portion, a bracket having cut-out portions at each end of a length substantially equal to the cut out portion of the support, whereby the said bracket is reversible, for the purpose described.

7. A bracket arrangement for ranges, comprising a shelf, a vertical support having a cut out portion at its upper end, a bracket having at the opposite ends cut out portions substantially equal to the length of the cut out part of the support, the extremities of the bracket having inwardly extending wings co-operating with the parts, as described.

8. A bracket arrangement for ranges, comprising a shelf having a downwardly turned edge, a vertical support, a bracket having cut out portions substantially the length of the cut out part of the support, said support and downwardly extending flange of the shelf and the bracket having registering openings for receiving clamping bolts.

9. A bracket arrangement for ranges, comprising a shelf, a vertical support, and a bracket provided at both ends with laterally deflected wings adapted to co-operate with the support and the shelf.

10. A bracket arrangement for ranges, comprising a shelf having a flange, a vertical support, a bracket having a deflected edge and at its ends deflected wings both of which co-act with the shelf flange and the support.

11. A reversible bracket comprising a shelf, a support for the shelf having a cut-out portion, a bracket fitting between the cut-out portion and the shelf, whereby the same may be turned end for end and applied to either a right or left hand oven range.

12. A reversible support and bracket for ranges, comprising a support with cut-out portions at each end, a shelf at the upper end of the support and a bracket fitting between the cut-out portion of the support and the said shelf, whereby the bracket and the support may be used for right or left hand oven ranges by turning them end for end.

In testimony whereof, we hereunto affix our signatures.

HENRY MOECKER, JR.
THEODORE THOMPSON.
OTTO HAMMERMEISTER.