(No Model.)

E. C. GODWIN.

STOVE OVEN.

No. 260,971. Patented July 11, 1882.

Fig. 1.

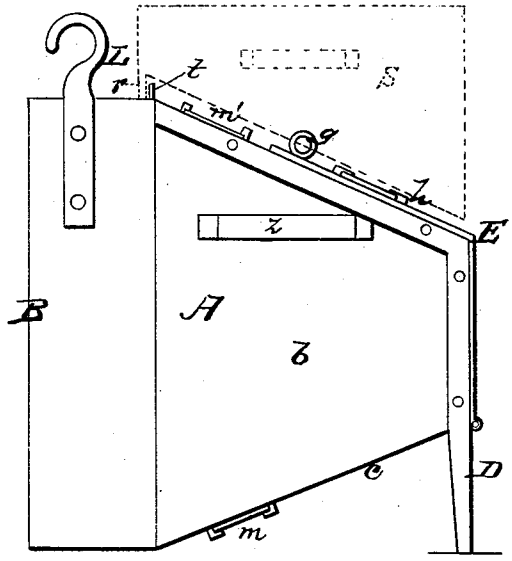


Fig. 2.

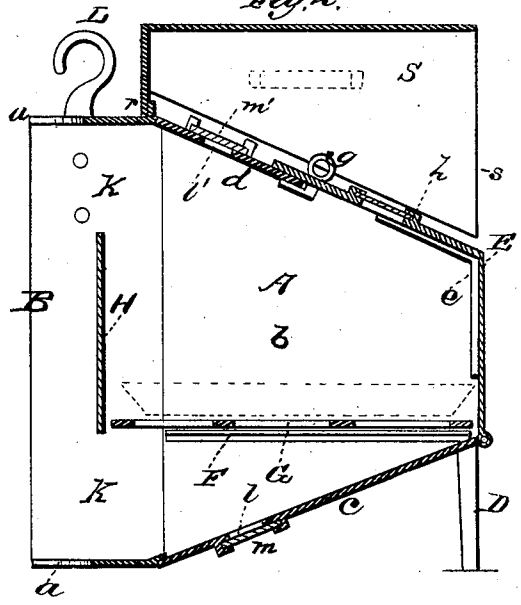


Fig. 3.

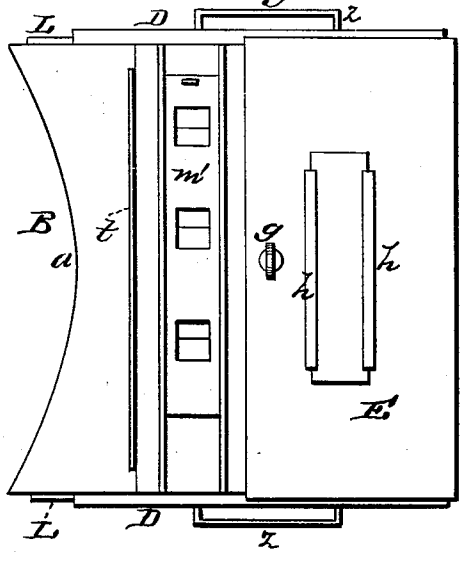


Fig. 4.

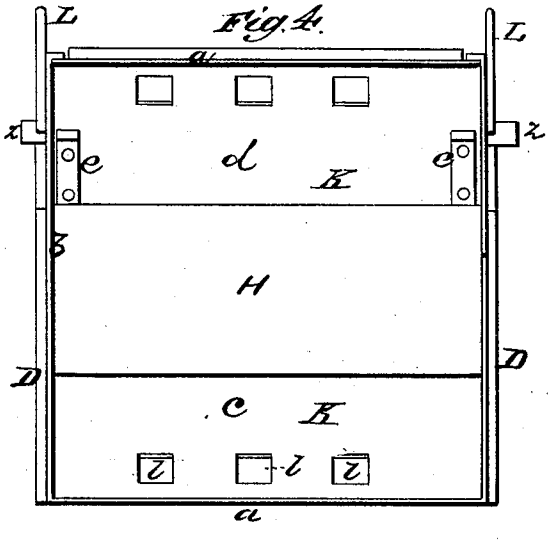


Fig. 5.



WITNESSES

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EDWARD C. GODWIN, OF NORFOLK, VIRGINIA.

STOVE-OVEN.

SPECIFICATION forming part of Letters Patent No. 260,971, dated July 11, 1882.

Application filed May 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDWARD C. GODWIN, a citizen of the United States, and a resident of Norfolk, in the county of Norfolk and State of Virginia, have invented a new and valuable Improvement in Stove-Ovens; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my oven. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a top or plan view. Fig. 4 is a rear view, and Fig. 5 is a detail view.

This invention has relation to stove-ovens; and it consists in the novel construction and arrangement of parts, as will be hereinafter fully described, and particularly pointed out in the claims.

In the accompanying drawings, the letter A designates the case, and B the rear portion thereof, forming the open rear end, which is designed to be made of sheet-iron, so that it will not be injured by contact with the stove. By trimming the edges *a* of this sheet-iron portion it may be readily shaped to suit the form of the stove to which the attachment is to be applied.

C represents the front portion of the case, which may be made of tin, copper, or sheet-iron, and is riveted to the sheet-iron rear portion, B. This front part consists of side walls, *b*, an upwardly-inclined bottom, *c*, and a downwardly-inclined top, *d*, which give the front a tapering or gradually-reduced form as it recedes from the open rear end, and is designed to enable the heat from the stove to operate as effectively in the more removed part of the oven as in that portion which is nearer the heating-surface.

D indicates the legs which support the front end of the attachment. These consist of angular irons extending upward along the front edge of each side wall, *b*, and then along its upper edge back to the sheet-iron portion B. These angular irons are connected to the side walls by rivets, and serve materially to strengthen them.

E represents the door, which may be put in the side or front of the attachment. It is, however, preferably made in angular form, to close the front and a portion of the top, as indicated in the drawings. This construction permits the formation of a large opening in the front and top, which facilitates the introduction or removal of the pan or dish. The angular door is strengthened by means of the iron angular cleats *e*, which are riveted to its sides at or near the edges. The door is hinged to the body of the attachment by its lower edge in front, and it is fastened, when closed, by means of a turning latch, *g*. Usually an opening is formed in the top portion, with guides *h* for the reception of a sheet of mica, forming a means whereby the progress of the cooking operation within the oven may be determined.

Along the side walls, on their inside surfaces, are arranged the horizontal ledges or supports F, on which the grating G or a pan may be placed. In rear of these ledges is arranged the vertical transverse protector-plate H, the ends of which are secured to the side wall. By means of this plate the direct heat from the stove is prevented from striking the article being cooked. Openings K above and below this plate allow the heat to pass freely over and under it.

Hooks L are connected to the upper rear portion of the attachment, and are designed to project above it for attachment to the rim of a stove, suitable holes having been drilled in said rim to engage the hooks. Screw-hooks are preferred, as they may be adjusted to suit the height of the stove. When the stove is without a suitable rim holes may be drilled in its vertical wall to receive the eyebolts *k*, and the hooks of the attachment can then be connected to these eyebolts.

In the lower portion of the attachment are made the air-openings *l*, and these are covered by means of a register-slide, *m*, so that the air admitted can be regulated or cut off entirely, as may be desired. Similar air-openings, *l'*, are provided in the top of the case, and a register-slide, *m'*, is used in connection with these openings also, in order that the exit of the heated air from the interior can be regulated. By means of these devices the oven can be easily cooled, if found at any time to be too hot, without checking the baking process.

S represents a removable shelf or support,

having angular supports *s*, the lower edges of which have an inclination equal to that of the top of the attachment. This support is designed to form a level bearing-surface when placed on top of the attachment, so that vessels or dishes may be placed thereon. This removable support is formed with a downwardly-projecting flange, *r*, which is designed to engage a projection, *t*, on the top of the attachment, whereby the support is held in position on the top of the case.

The attachment should be provided with lateral handles *z*.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. An oven attachment for stoves or heaters, having the tapering front portion, C, the angular supporting-irons D, secured to the side walls thereof and strengthening the same, and the supporting-hooks L at the top of the rear part of the case, substantially as specified.

2. The oven attachment having the tapering front portion, C, transverse rear protector-plate, H, angular supporting-irons D, angular door E, lower and upper register-openings, and supporting-hooks L, substantially as specified.

3. The combination, with an oven attachment having an inclined top and a catch-projection, *t*, of the removable top shelf or support, S, having inclined lower edges, and a catch-flange, *r*, adapted to engage the catch-projection and hold the shelf or support in position on the top of the oven attachment, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

EDWARD CAMP GODWIN.

Witnesses:
JOHN BURGESS,
CHARLES JOSEPH HOLLAND.