

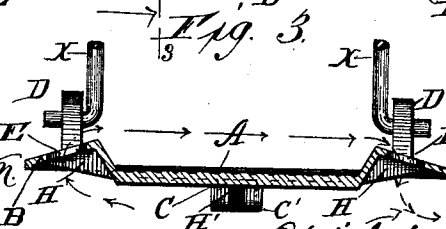
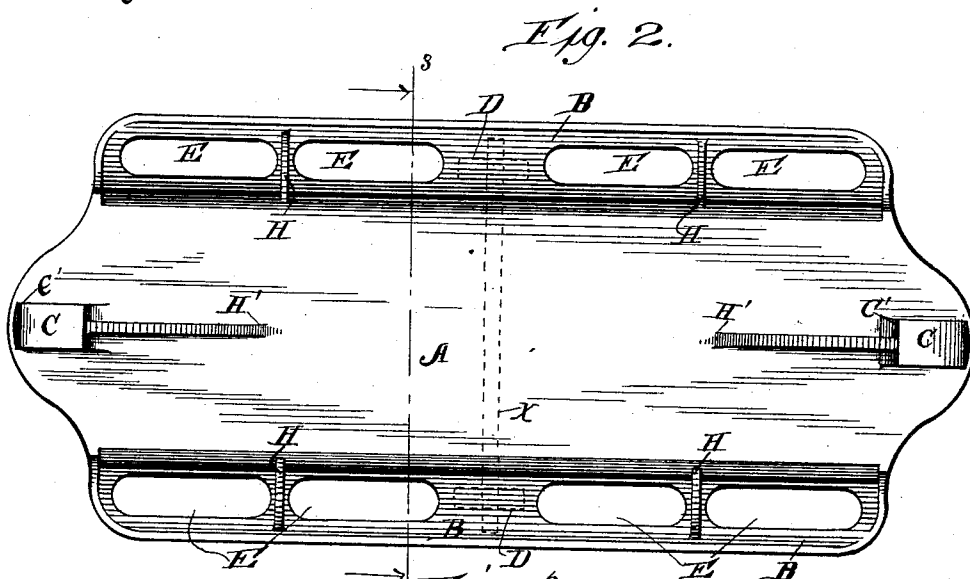
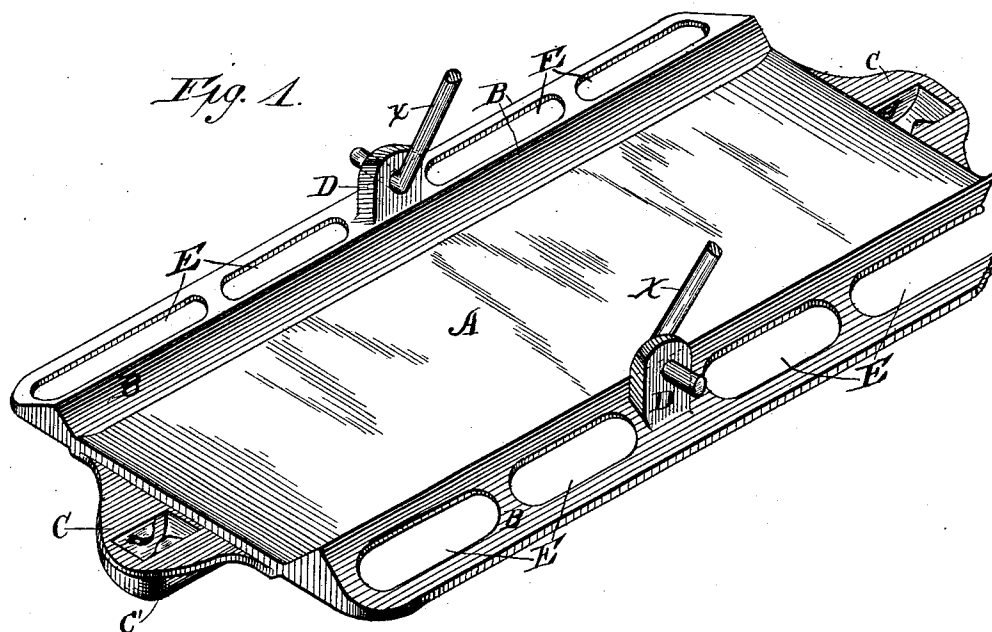
(No Model.)

2 Sheets—Sheet 1.

R. A. WHEELER.
CAKE GRIDDLE.

No. 484,482.

Patented Oct. 18, 1892.



Witnesses

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J. J. Tripp

Inventor

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(No Model.)

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Fig. 4.

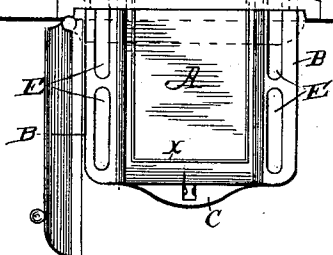
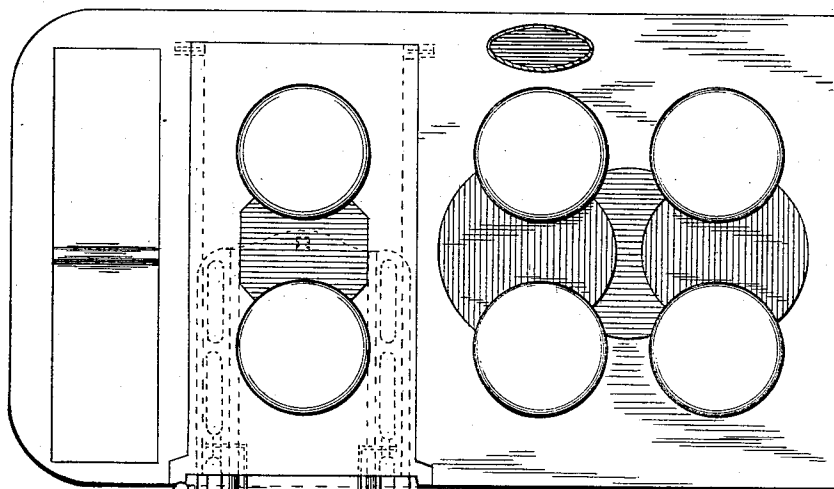
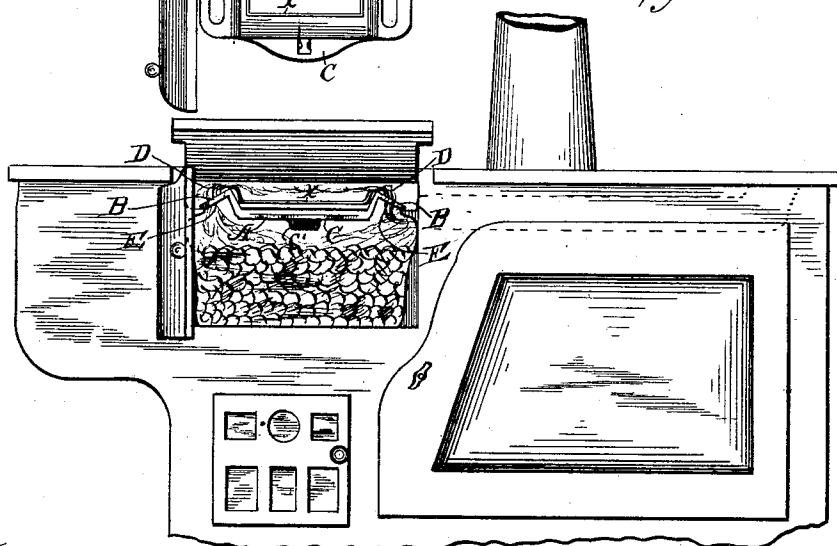


Fig. 5.



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UNITED STATES PATENT OFFICE.

REUBEN A. WHEELER, OF SIOUX CITY, IOWA.

CAKE-GRIDDLE.

SPECIFICATION forming part of Letters Patent No. 484,482, dated October 18, 1892.

Application filed July 20, 1891. Serial No. 400,188. (No model.)

To all whom it may concern:

Be it known that I, REUBEN A. WHEELER, a citizen of the United States, residing at Sioux City, in the county of Woodbury and State of Iowa, have invented certain new and useful Improvements in Cake-Griddles; 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention has relation to improvements in household utensils; and the object is to produce an improved cake-griddle upon which cakes may be quickly cooked without being spoiled by any interference from smoke, provision being made in said cake-griddle for carrying all smoke from the fire entirely away from the cakes and off into the back part of the stove and from thence into the chimney.

My invention therefore consists in the novel construction, arrangement, and combination of the parts, as will be hereinafter fully described, and particularly pointed out in the claims.

I have fully and clearly illustrated my invention in the accompanying drawings, wherein—

Figure 1 is a perspective view of my invention. Fig. 2 is a plan view of my invention. Fig. 3 is an end sectional view taken on line 3 3, Fig. 2, with a portion of handle shown. Fig. 4 is a plan view of a stove with removable section, showing side door open and cake-griddle partly inserted. Fig. 5 is a side elevation of a portion of stove, showing fire-box with cake-griddle inserted and hinge portion of stove raised.

Referring now to the illustrations, wherein like parts are designated by similar letters of reference, A designates the main or bed plate of the griddle. This plate is cast so that it presents a smooth upper surface, upon which the cakes are placed to be cooked.

B B designate side pieces or rim-plates molded and cast at the same time as the main plate A and forming an angular extension thereof, said rim-plates extending upward from the main plate, but slanting outward, and then turning and slanting down-

ward in a V-shaped manner. The ends of these rim-plates are rounded off, as shown, to allow the griddle to slide easily in and out on top of the stove-lining without catching. Each side of the main plate A is provided with a rim-plate B. Each of these rim-plates B is provided with an ear D, provided with an opening at its center to receive a bail or handle, and also elongated openings, as E, along its outer side, through which all smoke may pass and be carried to the back of the stove and thence up the chimney.

C C designate semicircular extension-pieces cast to the main plate A, each being provided with a recess provided with side projections adapted to receive a stove-poker or cover-lifter for the easy removal of the cake-griddle when desired. These extension-pieces C C extend downward and form a rounded projection, as C', on the under side of the main plate and gradually taper down in a downward slant to the under side of the main plate, as shown at H'. This downward-slanting projection formed on the under side of each end of the main plate is for the purpose of allowing the cake-griddle to slide easily in and out on top of the stove-lining without catching into the lining.

H H designate cross-braces or supports running from the main plate to the side rims on the under side of the cake-griddle. These braces are molded and cast between each opening to strengthen the rim-casting. The whole cake-griddle is made of cast-iron and may be molded and cast in one complete piece. A square bail or handle with its ends secured through openings provided in the ears D D, said bail or handle being easily formed so that it will lie against the sides and below surfaces of side pieces at one end of the griddle, is intended as a part of my invention to be of assistance in removing the griddle from the fire. This is shown in Figs. 4 and 5 marked X.

My invention is intended to be used as follows: The end door of a cooking stove or range being opened, the griddle is passed in over the fire-box until the front end of the griddle rests on the stove-lining at the opposite end from the door and the sides of the griddle rest on the side linings. The cakes are then placed on the bed-plate A of the grid-

dle and cooked in the ordinary manner. It will be seen that the sides of the griddle, being V-shaped, will rest on the stove-linings in such a manner as to allow a space between the outer edge of the griddle and the main plate A. The fire being from six to twelve inches beneath the griddle, as the smoke rises it will pass upward and out through the openings provided in the rim-plate on that side of the griddle toward the back of the stove. If the wind changes when wood is being used or if in any way smoke passes up on the front side of the griddle, it will pass through the openings provided on that side of the griddle and thence back over the cakes (but not touching them, as shown by the arrows in Fig. 3 of the drawings, as the bed-plate A, upon which the cakes are placed, is considerably lower than the rim-plates) into the back of the stove and thence up the chimney. With this griddle, cakes may be cooked at any time without being tainted from smoke. When the cakes are cooked, the griddle can be quickly removed by using a common cover-lifter to lift the end of the griddle and by taking hold of the bail and drawing the griddle out.

My invention is especially adapted to be used on the stove known as the "Paris Ideal Range," as shown in Fig. 5, but may be easily used on any cooking-stove having an end door. By being made larger it can also be used in furnaces and similar places.

Having thus fully and clearly described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A cake-griddle composed of the following parts, in combination, viz: a smooth bed-plate A, provided with semicircular-shaped end extension-pieces C C, which project downward on their under sides to form a slanting rib to the under side of the bed-plate, as C' H', each of said end pieces being provided with a recess having side projections to receive a cover-lifter, the rim-pieces B B, extending along and beyond the sides of the bed-plate A, provided with elongated openings, as E, and the ears D D, provided with

openings to receive the ends of a bail, said rim-pieces slanting upward and outward from the bed-plate A and then slanting downward, as shown, a bail, as X, having its ends secured to the ears D D and being bent in a square shape, so that said bail will lie flat against the rim-pieces and across an end of plate A, and ribs, as H, formed on the under side of the main plate and rim-pieces, so as to connect them together to form a support for the rim-pieces, all constructed and arranged substantially as set forth.

2. A cake-griddle composed of a smooth bed-plate A, provided with end pieces, as C C, said end pieces being provided in turn with a recess having side projections, as shown at F, and V-shaped rim-plates extending along and beyond the sides of said bed-plate, said rim-plates having rounded edges, as shown, and elongated openings, as E, formed along their outer sides, and ears, as D, formed on their central portion, said ears being provided with small openings to receive the ends of a suitable bail, as X, all substantially as set forth.

3. The combination of bed-plate A, end pieces C C, provided on their upper faces with a suitable recess to receive a lifter, the lower part of said end pieces extending downward to form a slanting rib on the under side of the bed-plate A, the V-shaped rim-plates B B slanting upward and outward from the bed-plate and then downward and outward and bearing on their downward faces the elongated openings E, the ears D D, provided with openings to receive the ends of a bail, said ears being formed on said rim-plates at their center, a suitable bail, as X, secured to said ears, and the supporting-ribs H, formed on the under side of the bed-plate between the openings in said rim-plates, as shown, all substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

REUBEN A. WHEELER.

Witnesses:

I. L. CARPENTER,
M. E. GRANDY.