Nov. 24, 1925. **1,563,026**

J. C. HOLLANDS

STOVE

Filed Sept. 18, 1922 2 Sheets-Sheet 1

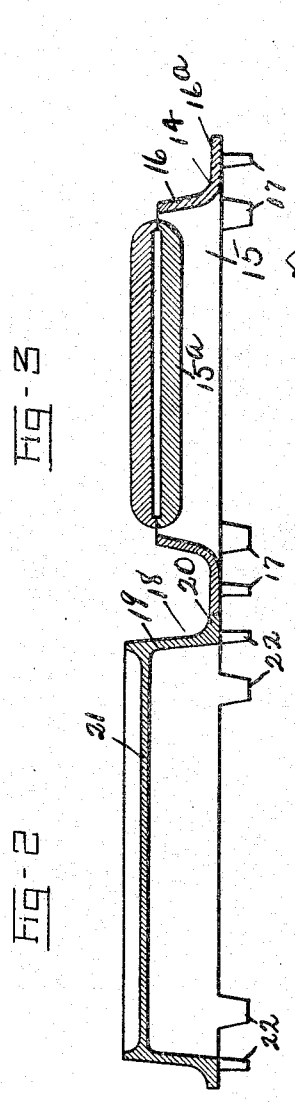


Fig-2

Fig-3

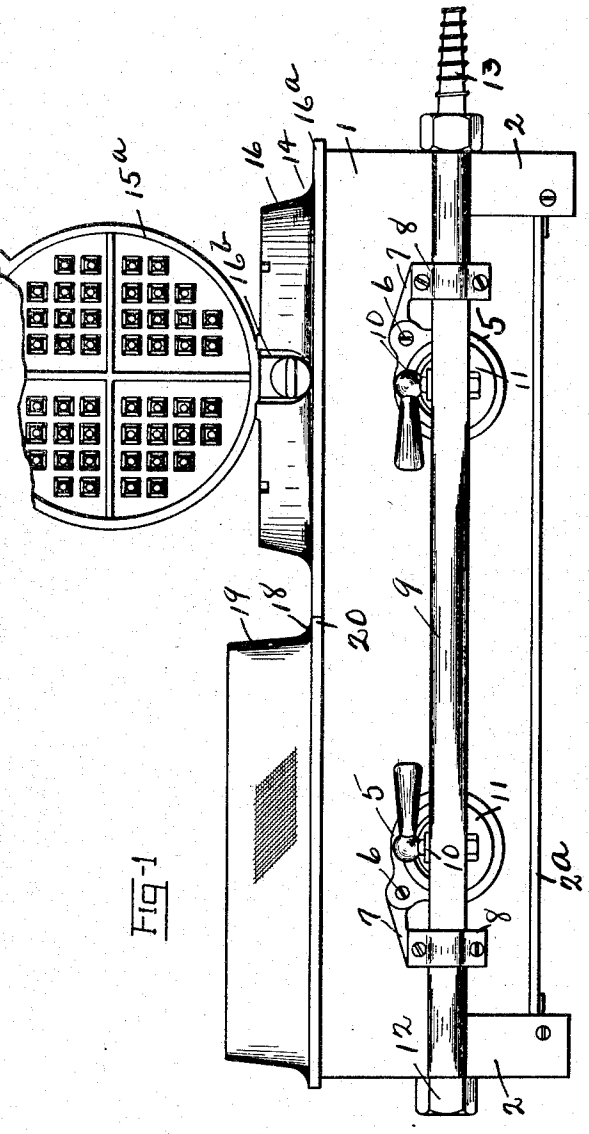


Fig-1

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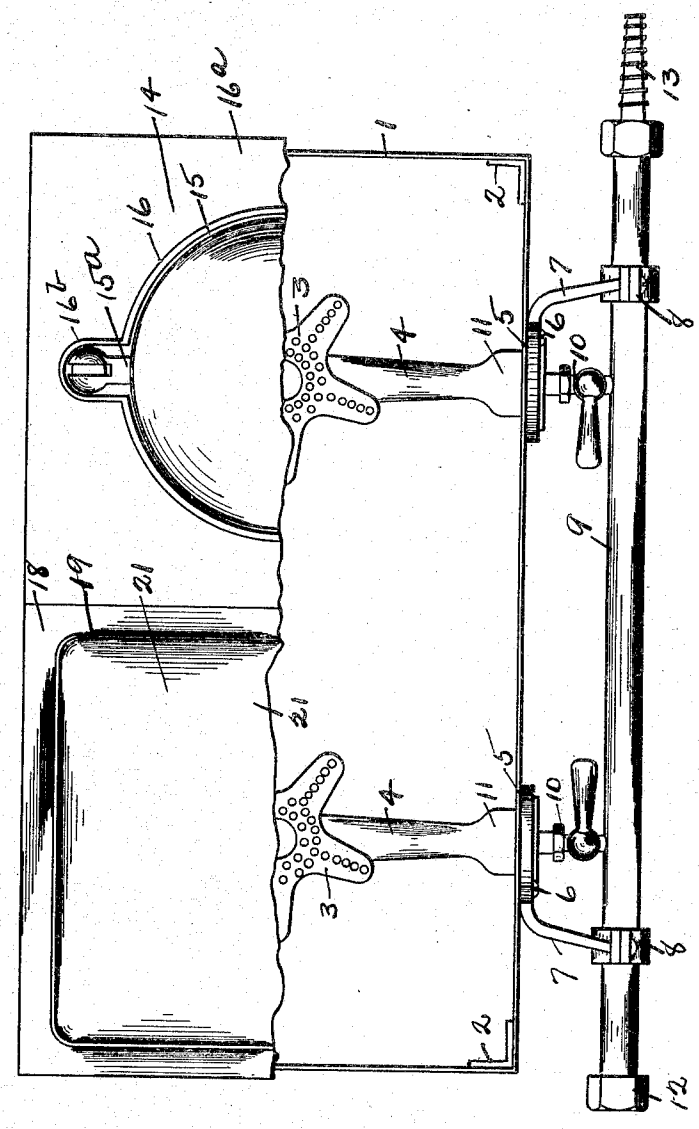


Fig-4

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Patented Nov. 24, 1925. 1,563,026

UNITED STATES PATENT OFFICE.

JOHN C. HOLLANDS, OF ERIE, PENNSYLVANIA, ASSIGNOR TO THE GRISWOLD MANUFACTURING COMPANY, OF ERIE, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

STOVE.

Application filed September 18, 1922. Serial No. 588,791.

To all whom it may concern:

Be it known that I, JOHN C. HOLLANDS, a citizen of the United States, residing at Erie, in the county of Erie and State of Pennsylvania, have invented new and useful Improvements in Stoves, of which the following is a specification.

This invention is designed to improve the construction of stoves particularly stoves commonly called hot plates by forming them with interchangeable removable covers, these covers preferably having elevated cooking surfaces surrounded by an integral wall on the cover plate. This adds very much to the attractiveness of the article, makes it more sanitary and also adds to the availability of the article in that the removable plates may be interchanged at will.

The invention is illustrated in the accompanying drawings as follows:—

Fig. 1 shows a front elevation of the stove.

Fig. 2 a central vertical section through one of the removable top plates with the cooking surface thereon.

Fig. 3 a similar top plate arranged for a waffle iron.

Fig. 4 a plan view of a stove, a part being broken away to better show construction.

1 marks the surrounding frame for the hot plate which is preferably formed by bending bar iron. Legs 2 are formed of angle iron and preferably spot welded into the corners of the frame, brace rods 2^a extending from leg to leg. Burners 3 are supported in the frame, the mixer pipe or passage 4 extending through the frame 1 and being secured in position by a plate 5 which is secured to the frame by screws 6. Brackets 7 extend from the plates 5 and are provided with the clamps 8 at their ends for securing the supply pipe 9. Controlling valves 10 extend from the supply pipe to the mixer 11 on the pipe 4. One end of the pipe 9 is closed by a cap 12 and the opposite end is provided with a nipple 13 for receiving a supply hose.

A cover plate 14 is arranged on the frame. This has a burner opening 15 surrounded by a up-standing wall 16. The plate has the flange or flat portion 16^a extending from the wall 16 and lugs 17 project downwardly from the under-side of the plate, these lugs being positioned to engage the inner surfaces of the surrounding frame 1. The walls 16 are provided with the waffle iron socket 16^b and a waffle iron 15^a is mounted with its swivelled end in the socket, the waffle iron being designed to operate in proper relation to a flame from the burner 3, the waffle iron reaching to a point adjacent to the side walls 16.

A removable plate 18 may be used with the plate 14. This has an upstanding wall 19 and an outwardly extending cover portion 20. A cooking surface 21 is arranged at the upper edge within the wall 19, the bottom of this plate being directly exposed to the flames from the burner. Lugs 22 extend downwardly in position to engage the inner surfaces of the frame 1.

The plates 18 and 14 are interchangeable so that the stove top is made up of these interchangeable units and the stove may be extended as much as desired, that is to say, there may be as many openings as required and the cover plates may be altered to suit the convenience of the user. The integrally formed walls surrounding the burner opening strengthen the cover plate, and make the device as a whole much more sanitary than devices built up from separate pieces. By extending these cover plates over the edge of the frame a finish is given to the structure as a whole which in a device of this character is very desirable.

The angle iron legs stiffen the frame at the corners so as to retain the same in rectangular shape.

What I claim as new is:—

1. In a stove, the combination of a surrounding frame; a plurality of detachable top plates mounted directly on the frame and forming the complete top of the stove, said top plates being interchangeable, one of the top plates having a burner opening therein with a surrounding annular upstanding wall integral with the plate, the plate extending laterally from the up-standing wall without obstruction to the edge of the plate and the up-standing wall having a waffle iron socket in its upper edge; a waffle iron arranged within the wall and supported by said socket; and a burner under each plate, one of said burners being directly under the waffle iron and having its heat directed upwardly by the upstanding wall.

2. In a stove, the combination of a burner; a surrounding frame; a top plate above the

burner and extending over the front and back of the frame and having a burner opening therein with an annular surrounding upstanding wall integral with the plate, the plate extending laterally from the upstanding wall without obstruction to the edge of the plate and the upstanding wall having a waffle iron socket in the edge thereof; and a waffle iron arranged within the wall supported by said socket.

In testimony whereof I have hereunto set my hand.

JOHN C. HOLLANDS.