

H. O. BAY.
WATER HEATER.
APPLICATION FILED OCT. 16, 1916.

1,237,455.

Patented Aug. 21, 1917.

Fig. 1

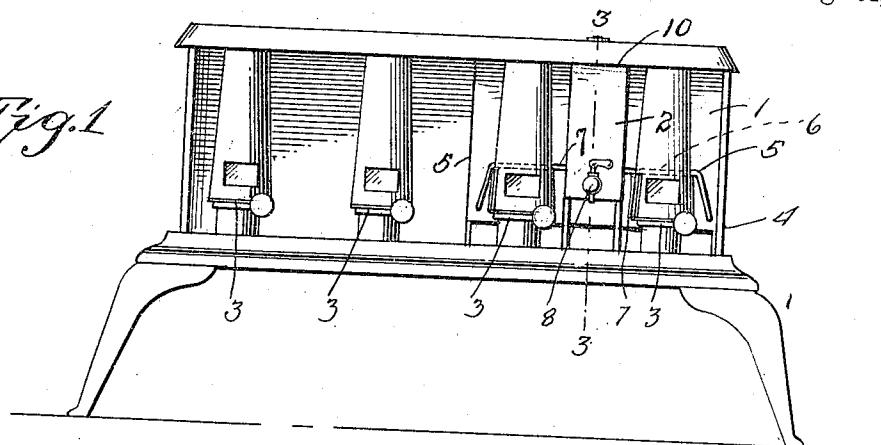


Fig. 2.

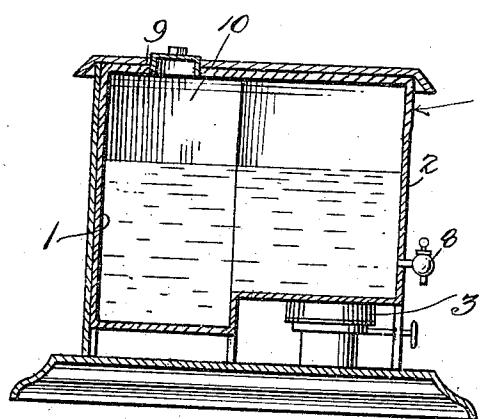
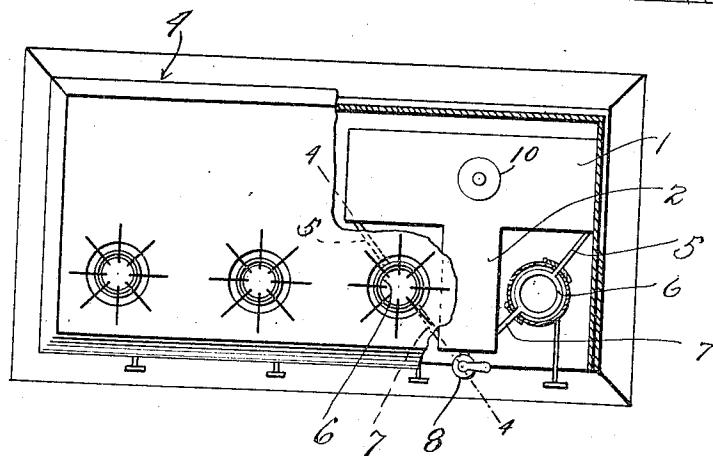


Fig. 3.

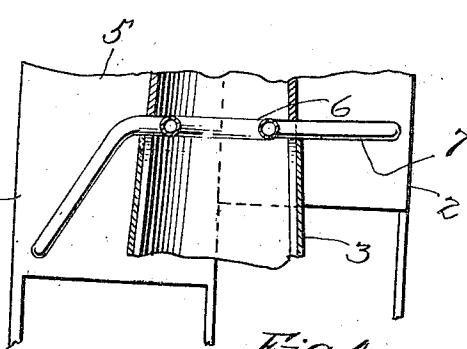


Fig. 4.

Witness

D. M. Mull

Inventor

H. O. Bay

By *James C. Chandler*

Attorney

UNITED STATES PATENT OFFICE.

HUGH O. BAY, OF CENTRAL CITY, NEBRASKA.

WATER-HEATER.

1,237,455.

Specification of Letters Patent. Patented Aug. 21, 1917.

Application filed October 16, 1916. Serial No. 126,004.

To all whom it may concern:

Be it known that I, HUGH O. BAY, a citizen of the United States, residing at Central City, in the county of Merrick, State of Nebraska, have invented certain new and useful Improvements in Water-Heaters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art 10 to which it appertains to make and use the same.

The present invention is directed to improvements in water heaters and has for its object to provide a device of this character 15 which can be easily attached to a conventional form of oil cook stove.

A further object of the invention is to provide a device of this character including a tank so shaped that it can be readily engaged with a conventional form of oil stove, 20 and when in place thereon will effectively heat water.

A still further object of the invention is to provide a device of this character having 25 means adapted to be associated with the burners of the stove so that the water will be heated.

With these and other objects in view, this invention resides in the novel features of 30 construction, formation, combination and arrangement of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawing, in which:—

Figure 1 is a front view of a stove 35 equipped with the device.

Fig. 2 is a top plan view.

Fig. 3 is a sectional view on line 3—3 of

Fig. 1.

Fig. 4 is a sectional view on line 4—4 of

40 Fig. 2.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents Washington, D. C."

Referring to the drawing 1 indicates the main tank, and 2 the auxiliary tank, the rear end of which communicates with the main tank. It will be noted that the tank 2 is disposed at right angles to the tank 1, so that the same can fit between the burners 3 of the stove 4. Connected to the bottom of the tank 1 are pipes 5, said pipes being connected to circular pipes 6 which are surrounded by the burners 3, and also connected to the circular pipes 6 and diametrically opposite the pipes 5 are pipes 7 which connect with the auxiliary tank 2.

The forward end of the tank 2 is provided with a faucet 8 so that heated water can be 55 drawn from the device, when needed.

The top of the tank 1 is provided with an opening 9, which is normally closed by the cover 10, and it is through this opening that the tanks are filled.

Since the circular pipes 6 surround the burners 3 it is obvious that the heat therefrom will quickly heat the water in the tanks and cause the same to circulate.

What is claimed is:—

The combination with a stove having burners, of a water heater comprising a main tank, an auxiliary tank disposed at right angles to said main tank and adapted to engage between said burners, circular pipes surrounded by said burners, and other pipes connecting said circular pipes and main tank and auxiliary tank, respectively.

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

HUGH O. BAY.

Witnesses:

S. J. McCRAKEN,

S. O. AYRES.