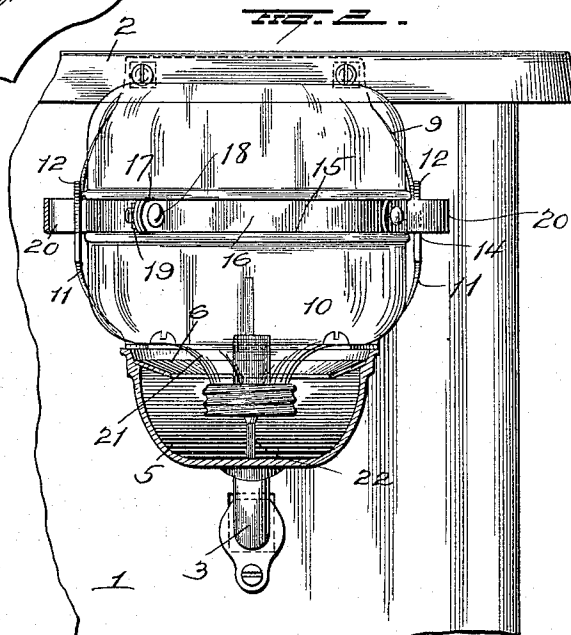
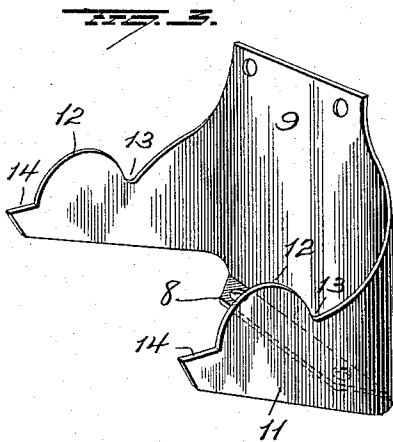
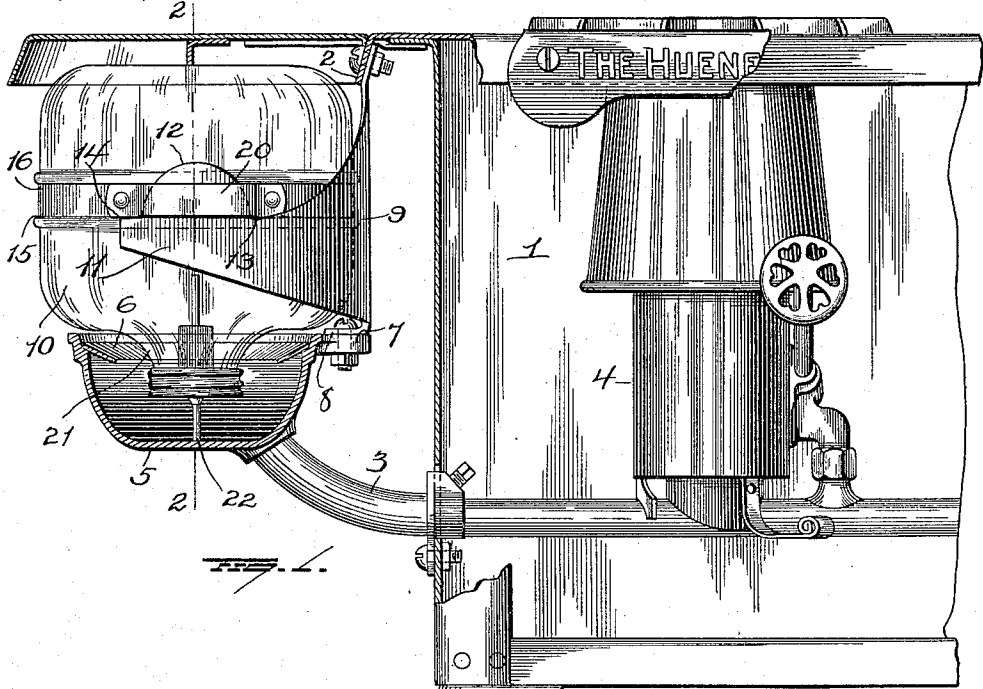


W. E. HUENEFELD.
RESERVOIR HANGER FOR OIL STOVES.
APPLICATION FILED OCT. 12, 1915.

1,176,453.

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RESERVOIR-HANGER FOR OIL-STOVES.

1,176,453.

Specification of Letters Patent.

Patented Mar. 21, 1916.

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To all whom it may concern:

Be it known that I, WALTER E. HUENEFELD, a citizen of the United States, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Reservoir-Hangers for Oil-Stoves; 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 to which it appertains to make and use the same.

This invention relates to improvements in oil stoves, and more particularly to supporting means for the main reservoir,—one object of the invention being to provide simple and efficient supporting means for the main reservoir, which means will also operate as a shield for the reservoir, and to prevent displacement of the latter.

A further object is to so construct the device that it will operate, not only to support the main reservoir, but also to prevent the auxiliary reservoir from tipping and the pipe which supports said auxiliary reservoir and the burners, from turning.

With these and other objects in view, the invention consists in certain novel features of construction and combinations of parts as hereinafter set forth and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view of a portion of an oil stove showing the application of my improvements; Fig. 2 is a sectional view on the line 2—2 of Fig. 1, and Fig. 3 is a separate view of the supporting bracket.

1 represents the frame of an oil stove, the top of which is formed with a depending flange 2, and 3 represents the oil feed pipe, on which the burner 4 may be mounted. The outer end of the pipe 3 is bent upwardly and receives a bowl or auxiliary reservoir 5, with which said pipe communicates at a point removed inwardly from the center of its bottom. The bowl will preferably be provided near its upper edge with an inwardly and downwardly projecting annular flange 6.

The bowl or auxiliary reservoir is provided with lugs or ears 7, which receives a flange 8 at the lower edge of a supporting bracket 9,—said flange being securely bolted to the lugs 7. The bracket 9 may be made of sheet metal and extends upwardly approxi-

mately to the top of the stove where it is securely bolted to the depending flange 2,—thus constituting connecting means between the bowl or auxiliary reservoir and the stove frame and operating to prevent the lateral tilting of the bowl and the turning of the pipe on which said bowl and the burners are supported. The sheet metal bracket 9 also serves as a shield for a main reservoir 10 (supported therein as presently explained) to guard said reservoir from heat radiated from the burners and end wall of the stove bracket frame.

The bracket 9 is made at respective sides with outwardly projecting arms 11 having upwardly projecting enlargements 12. These enlargements may be semi-circular in form and are so disposed, that shoulders 13—14 will be formed at respective ends of each of said enlargements.

The reservoir 10 may be made of glass and molded with a circumferential groove 15 for the reception of a metal band 16. The ends of this band may be bent outwardly to form ears 17, which are perforated for the passage of a clamping bolt 18,—said bolt being provided with a nut 19 whereby the band may be tightened in the groove of the reservoir. Metal loops 20 are secured to the band 16 at respective sides of the reservoir and project outwardly, so that they may serve as handles and also as mounting for the reservoir upon the arms of the bracket 9.

The reservoir 10 is made at its bottom with a neck 21 provided with a valve, the stem 22 of which engages the bottom of the bowl 5 so as to hold said valve open when the reservoir 10 is in position on the stove.

In placing the reservoir in position, it will be inserted between the arms 11 of the bracket 9 and the loops 20 permitted to rest upon the shoulders 13—14 of said arms, with the enlargements 12 projecting through said loops. The reservoir 10 will preferably be so supported by the bracket 9 that it will not rest upon the bowl or auxiliary reservoir, and the enlargements 12, projecting through the loops or mountings 20, will prevent displacement of the reservoir 10 either outwardly or inwardly.

Slight changes might be made in the details of construction of my invention without departing from the spirit thereof or limiting its scope.

Having fully described my invention what I claim as new and desire to secure by Letters-Patent, is:—

1. The combination with a stove frame, a burner pipe, and an auxiliary reservoir mounted on said pipe, of a bracket secured to said auxiliary reservoir and to the top of the stove frame, said bracket having parallel arms, and a main reservoir supported between said bracket arms and over the auxiliary reservoir.

2. The combination with a stove frame, a burner pipe, an auxiliary reservoir communicating with said pipe, and a main reservoir, of a bracket for supporting and shielding said main reservoir, said bracket secured at its lower end to the auxiliary reservoir and at its upper end to the stove top and having parallel arms between which the main reservoir is disposed, said main reservoir and arms having cooperating means for supporting said reservoir on the arms and preventing displacement thereof.

3. The combination with a stove frame, a burner pipe, and an auxiliary reservoir secured to said pipe, of a sheet metal bracket secured at its upper end to the stove frame and at its lower end to the auxiliary reservoir, a main reservoir, and loops at the sides of said main reservoir mounted in said bracket for supporting said main reservoir over the auxiliary reservoir and shielding the same from the stove.

4. The combination with a stove frame, a burner pipe, and an auxiliary reservoir secured to said pipe, of a bracket secured to said auxiliary reservoir and to the stove

frame, said bracket having arms provided with upward projections, a main reservoir disposed between said arms, a band surrounding said main reservoir, and loops secured to said band and mounted on said bracket arms and receiving the upward projections of the latter.

5. The combination with a stove frame, a burner pipe, and an auxiliary reservoir on said pipe, of a vertically disposed bracket secured to the top of the stove frame and to the auxiliary reservoir, said bracket having parallel arms, a main reservoir, a band surrounding said main reservoir, and means secured to said band and adapted to engage the bracket arms, whereby said main reservoir may be hung over and above the auxiliary reservoir with said bracket disposed between said main reservoir and the body of the stove.

6. The combination with a stove frame, a burner pipe, an auxiliary reservoir on said pipe and a main reservoir, of a bracket secured to the auxiliary reservoir and to the top of the stove frame and constituting a shield between the main reservoir and the stove, said bracket having outwardly projecting arms, and supporting means on the main reservoir mounted on said arms and over the auxiliary reservoir.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

WALTER E. HUENEFELD.

Witnesses:

C. E. PFAU,

CONRAD KNOECHEL.

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