(No Model.)

J. D. GOLDSTEIN.

OIL OR KEROSENE STOVE.

No. 490,196. Patented Jan. 17, 1893.

Fig. 1.

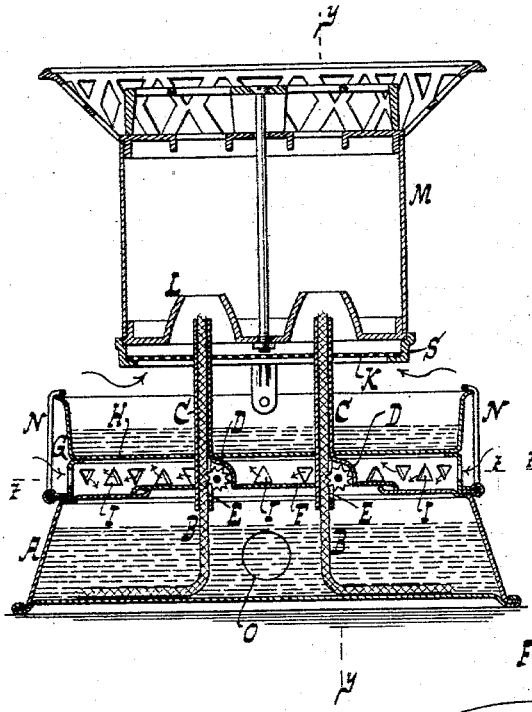


Fig. 2.

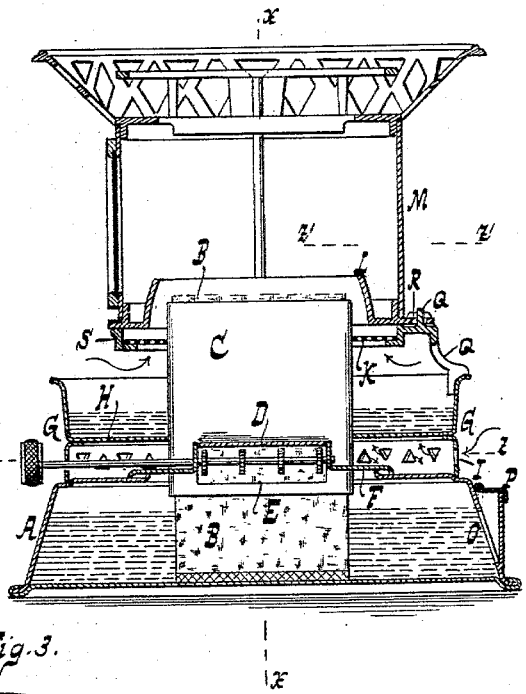


Fig. 3.

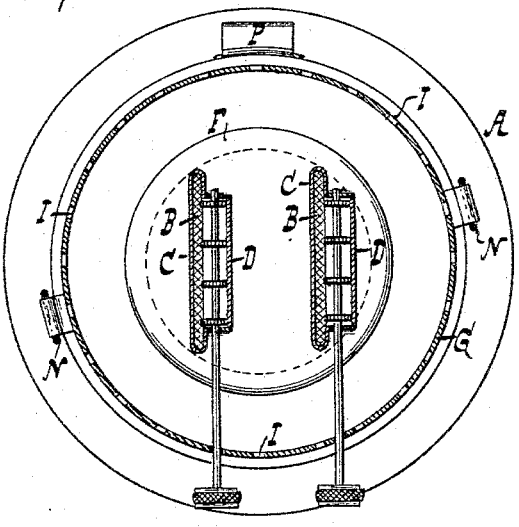


Fig. 5.

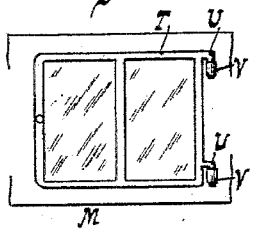
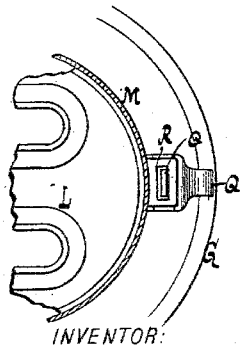


Fig. 4.



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UNITED STATES PATENT OFFICE.

JACOB D. GOLDSTEIN, OF NEW YORK, N. Y.

OIL OR KEROSENE STOVE.

SPECIFICATION forming part of Letters Patent No. 490,196, dated January 17, 1893.

Application filed April 28, 1892. Serial No. 431,030. (No model.)

To all whom it may concern:

Be it known that I, JACOB D. GOLDSTEIN, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Oil or Kerosene Stoves, of which the following is a specification.

This invention relates to an improvement in oil or kerosene stoves and the invention consists in certain novel features of construction set forth in the following specification and claims and illustrated in the annexed drawings in which

Figure 1, is an elevation of the stove sectioned along *x x* Fig. 2. Fig. 2, is a section along *y y* Fig. 1. Fig. 3, is a section along *z z* Fig. 1. Fig. 4, is a section along *z' z'* Fig. 2. Fig. 5, shows a stove door.

In the drawings the letter A indicates the oil fount or reservoir from which the fuel is taken by wicks B passing up through wick tubes C. The lower portions of the tubes C are partly cut out and the cut parts bent as at D to leave openings E near the lower ends of the wick tubes. The wick tubes extend down through and are secured to a plate F forming a cover for the fount A. The upper water containing part or section G of the stove is detachably secured to the fount or base A and said part G has a plate H extending across the part G and above said plate H the part G is flanged or cup-shaped so that water can be retained or poured on said plate H. Below the plate H the water containing part or section is constructed with a surrounding pendent rim or flange I having numerous perforations which permit the air to pass between the plates F H and about and between the tubes C so as to keep the fount A and its contents from becoming heated. The air for the flames of the wicks B passes up through screen K to the burners L whence the flame passes into the stove proper M. The part G is held to the fount A by hooks or fastenings N and on raising the part G the plate or cover F rises with the part G and the fount A becomes uncovered and its interior accessible for cleaning or repairing. The fount is fed through the filling opening O having a cover P. The wick tubes C connect the cover or plate F to the upper part G and said tubes extend down through the plate or cover F. The openings E in the tubes allow the wicks to be adjusted or set straight when necessary by a knife or other tool without its being necessary to remove the wick entirely from the tube. From the part G rises an arm or lug Q engaged by an eye R on the stove proper M this eye and lug forming a simple connection which leaves the stove M free to be lifted entirely off when desired. The arm Q also carries or supports the frame or ring S carrying the screen K. The stove part M has a door whose frame T (Fig. 5) is formed from sheet metal and which has the pintles U formed or cut of one piece with the frame of the door while the eyes or loops V for the pintles are formed of sheet metal tongues formed of one piece with the stove part M. The pintles U and eyes V can thus not work loose or fall out.

What I claim as new and desire to secure by Letters Patent, is—

1. The combination with a fount A, having an open top, of a removable cover F closing the open top of the fount and provided with an attached wick tube C, and an upper water containing section G having a horizontal plate attached to the wick tube and provided with a surrounding perforated rim or flange I extending downward therefrom and resting on the fount so that when the water containing section is removed it carries with it the wick tube and the cover to the fount, substantially as described.

2. The combination with a fount having an open top and a cover F therefor of wick tubes connected to said cover and made to extend down therethrough and having cut outs or openings E near their lower ends below said cover an upper part G made to rest on the fount and a plate H secured to said upper part and to the wick tubes said part G having holes I for allowing air to enter between the plates F H and the wick tubes substantially as described.

3. The combination with a fount A having an open top, of a removable cover F closing the open top of the fount and provided with attached wick tubes C, an upper water containing section G having a horizontal plate H

secured to the wick tubes and a surrounding perforated rim or flange I extending downward therefrom and resting on the fount, a lug Q rising upwardly from the water containing section and having a ring S carrying a screen K, and a stove proper M having an eye R detachably engaging the lug, substantially as and for the purposes described.

4. The combination with a fount, of a removable upper water containing section G provided with an upwardly extending lug Q having a ring S carrying a screen K, and a stove proper M provided with an eye R detachably engaging the lug so that the stove proper can be removed leaving the ring and screen in position, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JACOB D. GOLDSTEIN.

Witnesses:
WM. C. HAUFF,
E. F. KASTENHUBER.