

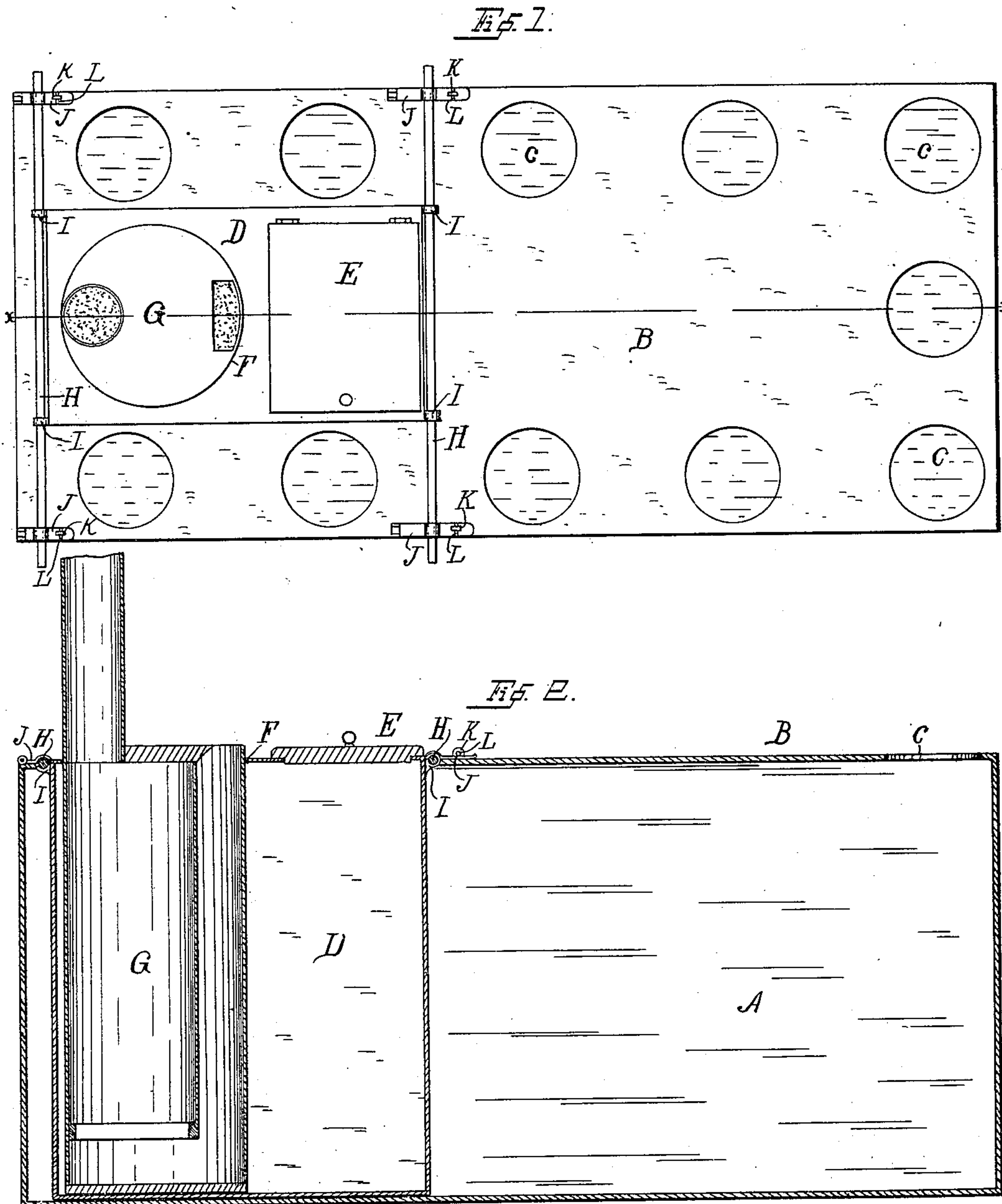
No. 662,098.

Patented Nov. 20, 1900.

A. F. SCHOENWETTER & W. H. SCHULTZ.
COMBINED HEATER AND STOCK TANK.

(Application filed Jan. 19, 1899.)

(No Model.)



Witnesses.

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UNITED STATES PATENT OFFICE.

AUGUST F. SCHOENWETTER AND WILLIAM H. SCHULTZ, OF JUNEAU,
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COMBINED HEATER AND STOCK-TANK.

SPECIFICATION forming part of Letters Patent No. 662,098, dated November 20, 1900.

Application filed January 19, 1899. Serial No. 702,667. (No model.)

To all whom it may concern:

Be it known that we, AUGUST F. SCHOENWETTER and WILLIAM H. SCHULTZ, citizens of the United States, residing at Juneau, in the county of Dodge and State of Wisconsin, have invented new and useful Improvements in a Combined Heater and Stock-Tank, of which the following is a specification.

Our invention relates to improvements in combined heaters and stock-tanks.

The object of our invention is to provide means whereby the heat from a single tank-heater may be distributed to the contents of a system of tanks, whereby the same can be kept at different temperatures suitable for the desired purpose.

In the following description reference is had to the accompanying drawings, in which—

Figure 1 is a top view of our invention. Fig. 2 is a sectional view drawn on line *xx* of Fig. 1.

Like parts are identified by the same reference-letters in both views.

A is a water-tank similar to those used for watering stock, and is provided with a cover B, having an opening C therein through which the animals can obtain access to the water. Within this tank is a smaller removable tank D, provided with a hinged cover E and an aperture F, through which a tank-heater G may be inserted. The tank D is held in place within the tank A by means of rods H, which are passed through staples I or equivalent holding devices at each end of the tank D. The rods H are secured to the sides of the tank A by means of hinged straps J, of metal or other suitable material. The free ends of the straps are adapted to be temporarily held by means of staples K and pins L or any equivalent fastening device or catch.

It will be observed that by means of the rods H the tank D will be held in place in the tank A regardless of its buoyancy when wholly or partially empty. The tank may, however, be readily removed and carried away by releasing the holding-straps J and taking hold of the rods on each side of the tank. The tank D is intended to contain swill or other partially-liquid food for stock, while the tank A is intended to contain water.

It is obvious that as the tank-heater G is located in the tank D the contents of the latter will be kept at a higher temperature than the contents of the tank A. The contents of the tank D are inserted or removed through

the opening covered by the lid E. The construction of the tank-heater is well known, consisting merely in a stove with a down-draft flue at one side thereof, the lower portion being inclosed by a water-tight casing, so that it may be placed in the liquid, as shown in the drawings.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination of a water-tank, a removable food-tank of smaller dimensions located therein, a tank-heater located in the food-tank, and a holding device for retaining the food-tank in its position in the water-tank, the contents of each tank surrounding the receptacle located therein substantially for the purpose set forth.

2. The combination of a water-tank provided with a cover therefor, having an aperture to permit access to the water, a food-tank provided with a tank-heater located therein, and having a hinged-lid cover, and an aperture adapted to permit access to the contents of such tank, and a holding device adapted to retain the food-tank in position in the water-tank, the contents of each tank surrounding the receptacle located therein substantially for the purpose set forth.

3. The combination of a water-tank provided with a cover therefor, having an aperture to permit access to the water, a food-tank provided with a tank-heater located therein, and having a hinged-lid cover, an aperture adapted to permit access to the contents of said tank, rods secured to said food-tank, and adapted to be removably secured to the sides of said water-tank and fastening devices for holding said rods against accidental disengagement, whereby the food-tank may be held in place therein, said rods being also adapted to be used as handles for removing and conveying the food-tank, the contents of each tank surrounding the receptacle located therein substantially for the purpose set forth.

In testimony whereof we have hereunto set our hands this 16th day of January, 1899.

AUGUST F. SCHOENWETTER.
WILLIAM H. SCHULTZ.

Witnesses:

F. W. GEBHARDT,
AUGUST BOLDT.