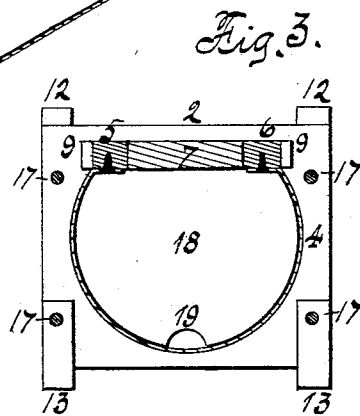
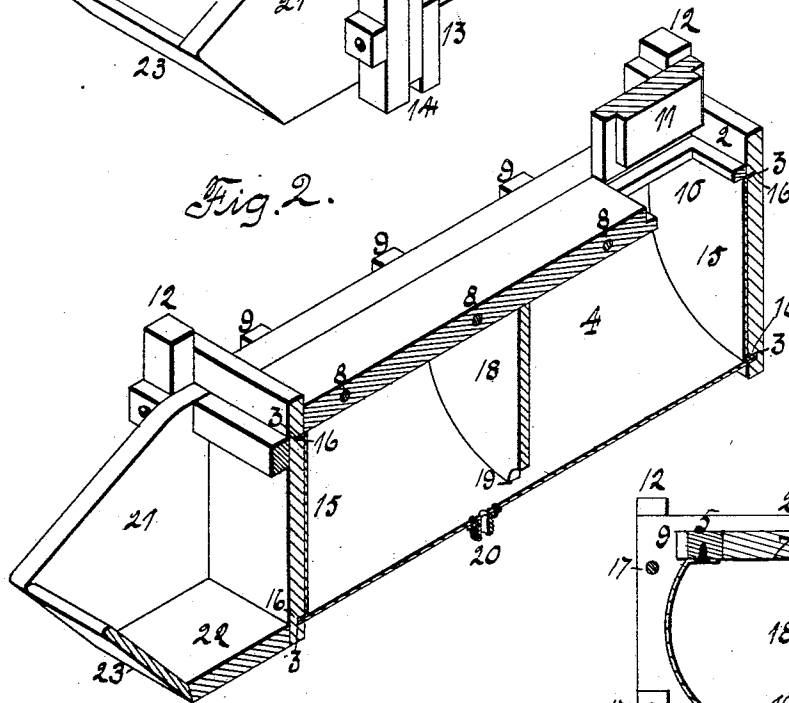
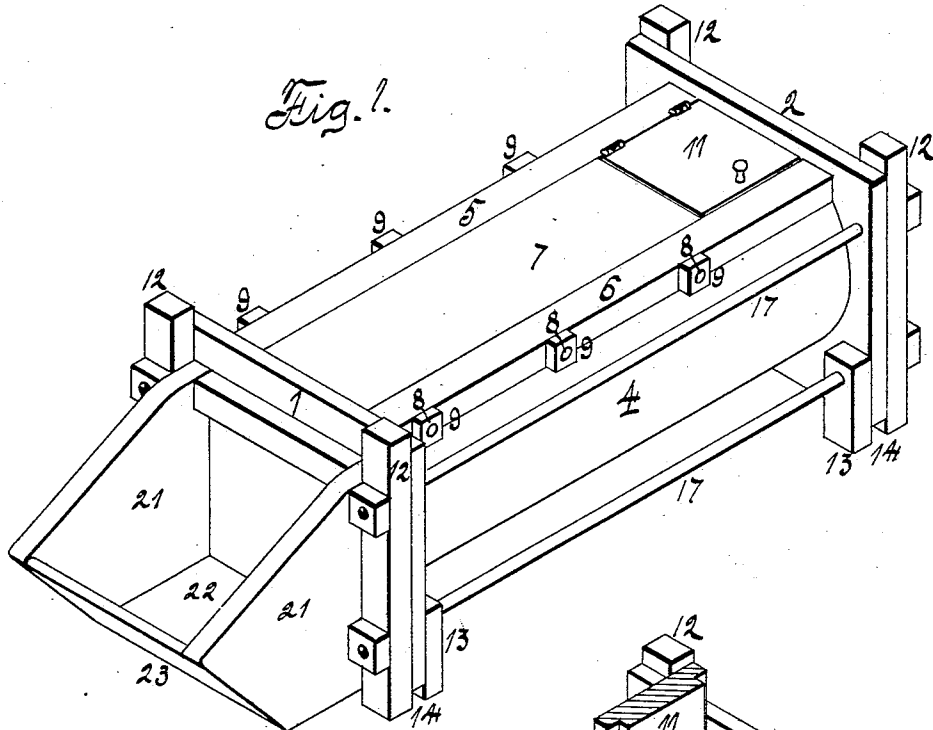


(No Model.)

E. D. ETNYRE.
PORTABLE WATER TANK.

No. 573,584.

Patented Dec. 22, 1896.



Witnesses:
Alice M. Loring
E. Behel.

Inventor:
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Attys.

UNITED STATES PATENT OFFICE.

EDWARD D. ETNYRE, OF OREGON, ILLINOIS.

PORTABLE WATER-TANK.

SPECIFICATION forming part of Letters Patent No. 573,584, dated December 22, 1896.

Application filed February 12, 1896. Serial No. 579,093. (No model.)

To all whom it may concern:

Be it known that I, EDWARD D. ETNYRE, a citizen of the United States, residing at Oregon, in the county of Ogle and State of Illinois, have invented certain new and useful Improvements in Portable Water-Tanks, of which the following is a specification.

The object of this invention is the construction of a water-tank adapted to be placed upon the bolsters of a wagon having a body portion in cylindrical form and made from sheet metal.

The further object of this invention is the combination of a water-tank and fuel-receptacle made portable.

In the accompanying drawings, Figure 1 is an isometrical representation of my improved combined portable water-tank and fuel-receptacle. Fig. 2 is an isometrical representation showing a lengthwise vertical central section of the same. Fig. 3 is a transverse vertical section of the water-tank.

My improved tank is especially adapted for use in connection with portable steam-engines, and can be placed upon the bolsters of an ordinary wagon, and consists of two heads 1 and 2, each provided on their inner faces with a circular-shaped groove 3. The body portion 4 of the tank is made from sheet metal and is bent in circular form and of the proper length. The upper portion of the body portion is secured to two lengthwise bars 5 and 6, having a center plank 7 located between them, and bolts 8, passing through the several parts, are held in place by screw-nuts 9. One end of this center plank is cut shorter than the side bars, forming an opening 10 for filling the tank, and a hinged cover 11 closes this opening. To the outer faces of the heads are secured vertical bars 12, and to their inner lower ends are secured short bars 13. These bars extend below the lower edge of the ends, forming a groove 14 transversely of the tank, which is adapted to receive the bolsters of a wagon. The sheet-metal body portion of the tank in this instance has ends 15, provided with an up-

turned flange 16, which is riveted to the edge of the body portion, and the flange and end of the body portion are located in the circular groove in the heads, as shown at Fig. 2. Rods 17 pass through the heads and vertical bars, receiving nuts on their outer ends. By means of these rods the ends of the body portion of the tank are firmly seated in the heads sufficiently to form a rigid structure.

A vertical partition 18 is placed in the metallic body portion, having an opening 19 at its lowest point dividing the body portion into two compartments and greatly stiffening the body portion, which will prevent the splashing of water, the opening therein being sufficient to permit the passage of water in filling or drawing it off.

An outlet 20 is formed in the metallic body, to which a hose may be attached.

To one end of the water-tank and to the head 1 is secured a fuel-receptacle consisting of the sides 21, bottom 22, and inclined end 23, held together in any suitable manner.

By this construction of water-tank I attain great strength, and owing to the metallic body portion being in circular form it will carry water without splashing against the sides, as is the result in rectangular tanks, and in combining the fuel-receptacle and tank they are both always together and can be brought within easy reach of the attendant of a portable steam-engine, and owing to the hose being attached to the bottom of the tank it can be carried to any point without locating the tank with relation to the engine.

I claim as my invention—

In a portable water-tank, the combination of two wooden heads, a metallic body having its lower portion of semicylindrical form, and its upper portion secured to wooden strips bolted together, the body held in place between the heads.

EDWARD D. ETNYRE.

Witnesses:

C. S. HAAS,
C. D. ETNYRE.