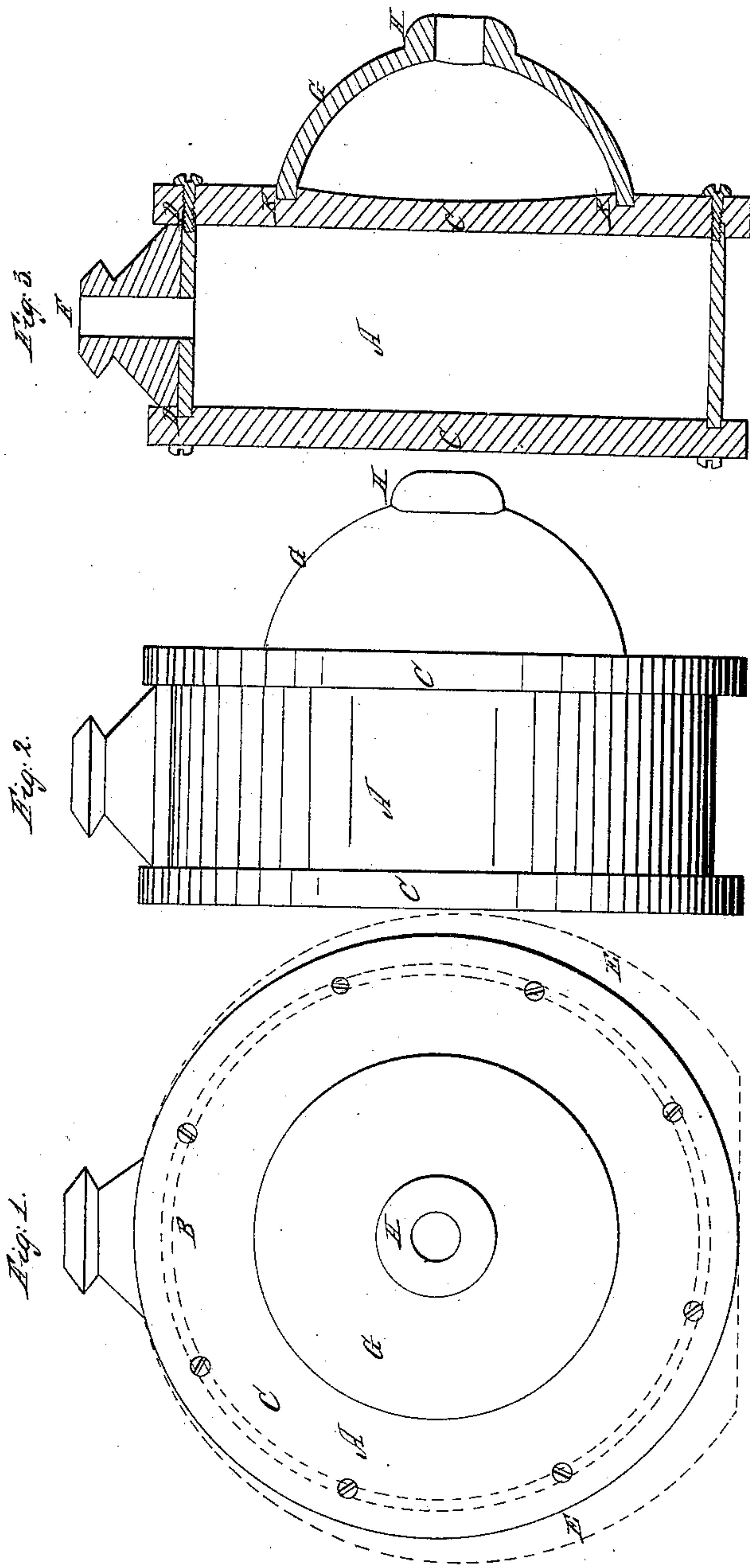


B. Beers,

Canteen,

N^o 22,541.

Patented Jan. 11, 1859.



UNITED STATES PATENT OFFICE.

BENJAMIN BEERS, OF NEW FAIRFIELD, CONNECTICUT.

CANTEEN.

Specification of Letters Patent No. 22,541, dated January 11, 1859.

To all whom it may concern:

Be it known that I, BENJAMIN BEERS, of New Fairfield, in the county of Fairfield and State of Connecticut, have invented certain
5 new and useful Improvements in Wooden Canteens; and I do hereby declare that the same are described and represented in the following specification and drawings.

To enable others skilled in the art to make
10 and use my improvements I will proceed to describe their construction and use, referring to the drawings in which the same letters indicate like parts in each of the figures.

Figure 1, is an elevation of one side of a
15 canteen with my improvements; Fig. 2, is an elevation of one edge; and Fig. 3, is a section representing the canteen cut perpendicularly through the center.

The nature of my invention consists in
20 adding to a wooden canteen an additional vessel made by hollowing out a piece of wood and inserting its edge in a groove in the end or head of the canteen.

To make my vessel or canteen I take a
25 thin piece of straight grained wood that can be bent into a hoop A, either with or without steaming, and of such length and width, as will make the canteen of the size desired; and reduce the thickness gradually
30 for a short distance near each end, as shown by dotted lines at B, to form a lap or jamming which may be fastened by nails or otherwise so as to form a strong connection of the two ends of the hoop. I then take
35 two pieces of board of a suitable length and width to form the ends or heads C, C, and plane them smooth on each side and cut a circular groove D, in one side of each piece, of such width and diameter that the edges
40 of the hoop will fit tightly into the grooves D, D. The edges of the heads C, C, may be made circular as shown in the drawing, or six or eight square, or in such other form as may be preferred taking care to leave suffi-
45 cient space outside of the grooves D, D, to afford the strength necessary in proportion to the size of the canteen. I think it will be found a good way to make the heads circular eccentrically from the groove for the
50 hoop, and with a straight side as shown by dotted E, E, Fig. 1, so as to form a base for the canteen to stand upon, opposite to the bung or opening F, through which the can-

teen may be filled or emptied. The heads may be fastened to the hoop by nails, screws
55 or pegs, or in such other manner as may be preferred.

In order to make a small additional vessel on the side of the canteen I make a piece
60 of wood G, in the form shown in the drawing, that is concave on the inside, and convex on the outside, with a protuberance H, around the opening I, for a mouth piece, and fit the edge of this hemispherical vessel,
65 into the groove K, in the head C, and fasten it firmly by nails or screws, so that it forms a separate vessel making the canteen serve to carry two kinds of liquids at the same time and keep them separate as molasses and
70 honey, or milk and water.

Canteens made as above described can be made at one-half, or one-third of the cost of the common rundlet or keg and are far less likely to leak, as they have fewer joints being made with a single hoop instead of
75 staves. They will be found as cheap or cheaper than earthen jugs or glass bottles for carrying water, milk, molasses and other liquids without the risk of being accidentally broken, so as to lose their contents, and
80 are admirably adapted to field service for laborers, surveyors and explorers. They will form a good substitute for, besides being far cheaper, than the common kegs, used to hold white lead and other paints or pow-
85 ders.

I believe I have described and represented the improvements which I have made in wooden canteens, so as to enable any person
90 skilled in the art to make and use them, and I will now state what I desire to secure by Letters Patent.

I claim—

The combination with said canteen of the additional vessel made by hollowing out a
95 piece of wood, and inserting its edge in a groove in the end or head.

In testimony that the foregoing is a correct description of my improvements in canteens made of wood I have signed my
100 name.

BENJAMIN BEERS.

Witnesses:

ROGER AIRSILE,
ELIAS R. FRY.