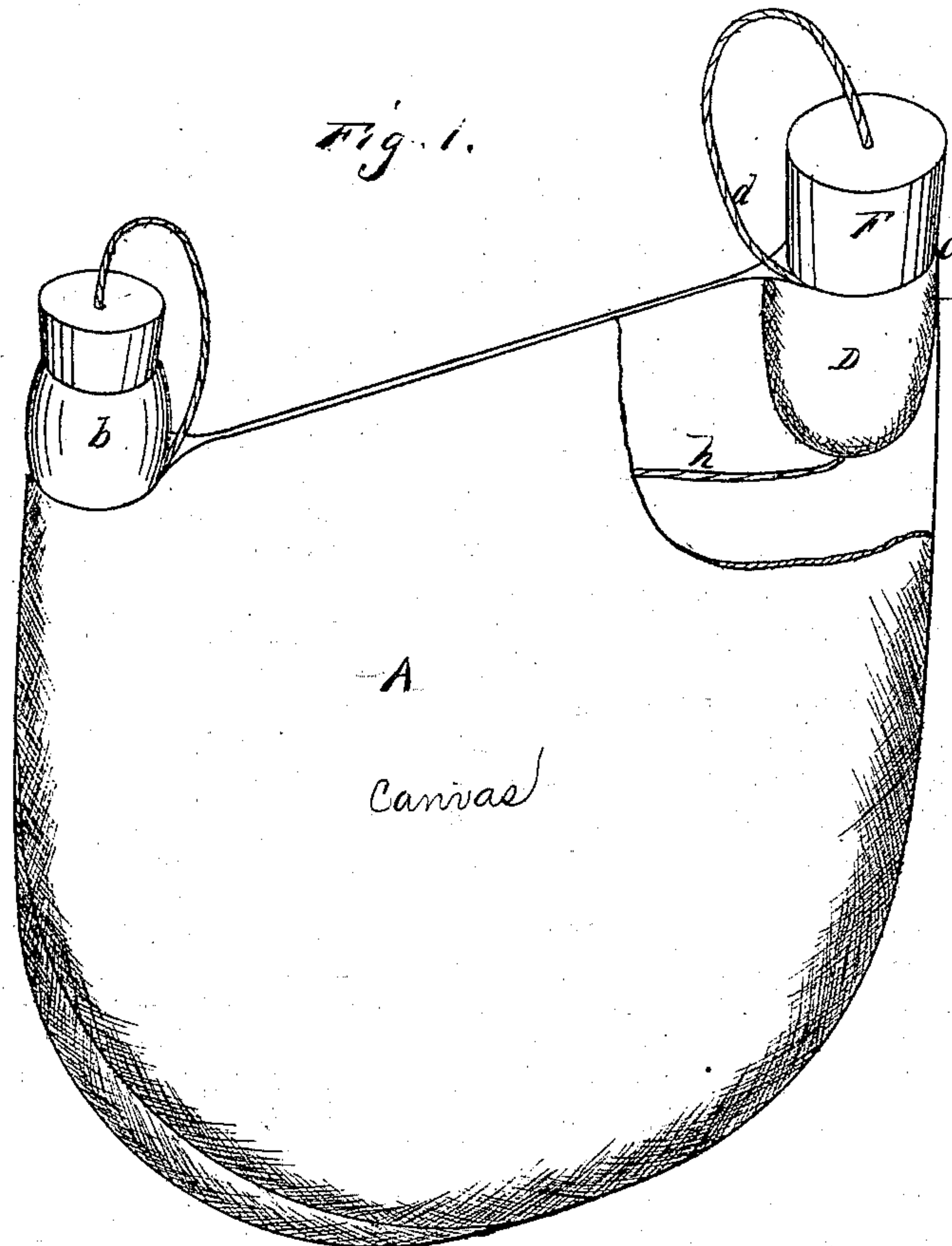


R. KELLY.

Canteens.

No. 135 432

Patented Feb. 4, 1873.



Witnesses

John. L. Corni
C. M. Richardson

Richard Kelly
per Sewery Co
Atty's

UNITED STATES PATENT OFFICE.

RICHARD KELLY, OF RED BANK, CALIFORNIA.

IMPROVEMENT IN CANTEENS.

Specification forming part of Letters Patent No. 135,432, dated February 4, 1873.

To all whom it may concern:

Be it known that I, RICHARD KELLY, of Red Bank, Tehama county, State of California, have invented an Improved Canteen; and I do hereby declare the following description and accompanying drawing are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvements without further invention or experiment.

My invention relates to what I call a canvas canteen, to be used for containing water, in the manner of the ordinary canteen. My invention consists in constructing the canteen of canvas or other thick and almost water-tight cloth; and in attaching thereto a filtering-bag or strainer, through which the water is passed in filling the canteen.

In order to more fully illustrate and explain my invention, reference is had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a perspective view of my device.

A represents a bag or sack, which may be made in any desired shape, although I prefer the shape of an ordinary haversack, as herein shown, as being the most convenient form. This bag I construct of canvas or other thick cloth, which is sufficiently water-tight to hold the water and prevent it from leaking out too fast; but it should not be so close in its texture as to prevent the water from penetrating to its outside by saturation. Ordinary heavy canvas will serve this purpose admirably, as its texture is suitable for holding the water while an oozing through the body is maintained, which keeps the outside of the sack or canteen continually wet while the water remains in the canteen. This oozing of the water through the canvas or other cloth will keep up a continual evaporation from the outside, which keeps the water in the canteen cool as long as any remains in it. At one of the upper corners of the bag or sack I leave an opening in which I secure a suitable mouth-piece or nozzle, *b*, from which the water can be drank in the usual way. At the opposite upper corner I leave another opening, *C*, and this opening communicates with a smaller sack or bag, *D*,

inside of the large one, which is constructed of a thin or more open cloth suitable for serving as a filterer for filtering the water as it is poured into the sack or canteen *A*. A string, *d*, is secured to the bottom of the filtering-sack *D*, which passes up through the opening *C*, and is attached to the cork *F*, which closes the opening. When the filtering-sack becomes foul by reason of the filtering process, it can be drawn to the outside of the canteen *A* through the opening *C* by drawing upon the string *d*, so as to permit it to be cleansed. Another string, *h*, is secured to its bottom, and passes out of the top of the canteen near the mouth-piece or nozzle *b*, by which the filtering-sack can be drawn back to its proper place inside of the canteen.

In a canteen of this description water can be retained in a cool and palatable condition as long as the water remains in the sack, owing to the continued evaporation from its exterior.

I am aware that the ordinary tin canteen has been enveloped in cloth or woolen fabrics, for the purpose of producing an evaporation from the outside when it is wetted; but this envelope soon becomes dry, and then the water in the canteen becomes warm and distasteful; but with my canvas canteen the outside cannot become dry on account of the continual saturation from the interior.

The filtering-sack attachment permits the use of water which otherwise would be unfit to drink, and by making it a permanent attachment to the canteen it is very convenient.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The canvas sack or canteen *A* with its filtering-sack *C*, in combination with the strings *d* *h*, substantially as and for the purpose above described.

In witness whereof I hereunto set my hand and seal.

RICHARD KELLY. [L. S.]

Witnesses:

JOHN L. BOONE,
C. M. RICHARDSON.