H. WELSCH.

LIQUID CONTAINER AND HOLDER THEREFOR.

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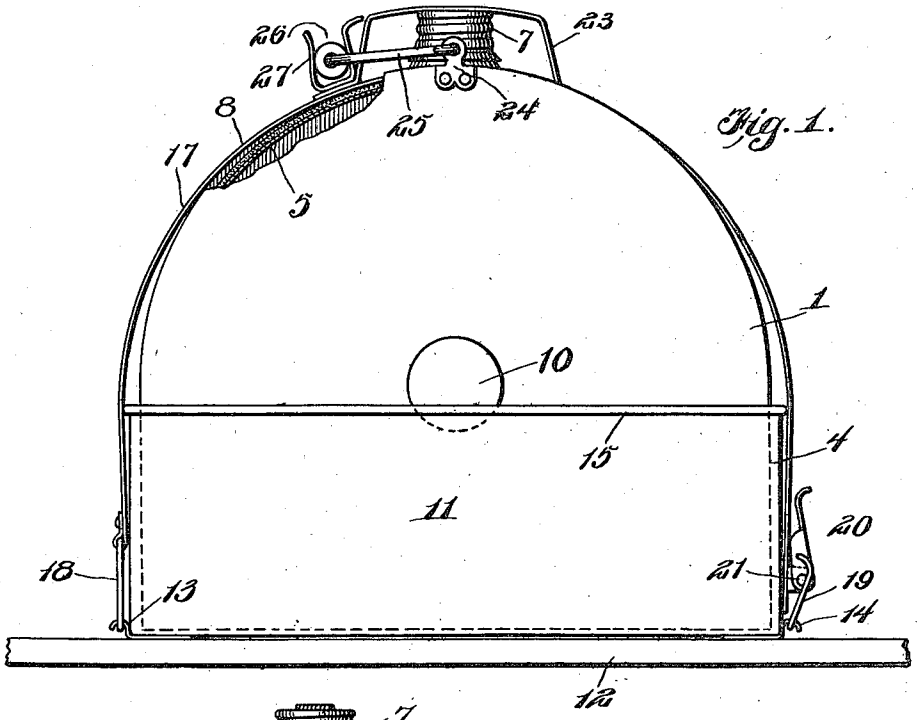



Fig. 1.

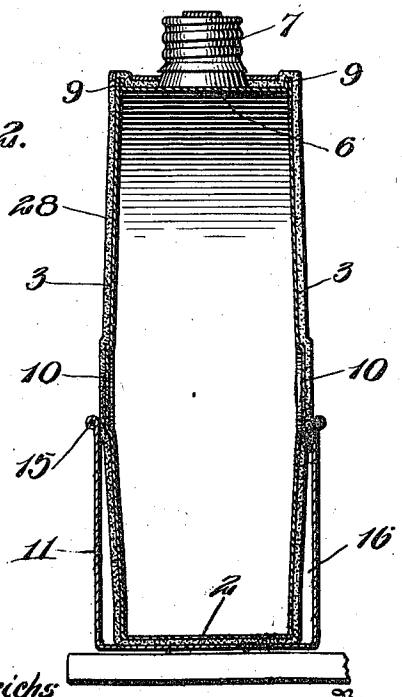
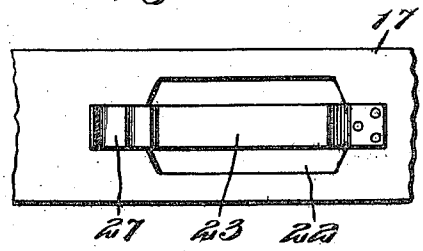



Fig. 2.

Fig. 3.




Witnesses

L. R. Heinrichs

Eva W. Springer

Inventor

Henry Welsch

By Bennett & Jones

Attorneys.

# UNITED STATES PATENT OFFICE.

HENRY WELSCH, OF EL PASO, TEXAS.

## LIQUID-CONTAINER AND HOLDER THEREFOR.

1,158,757. Specification of Letters Patent. Patented Nov. 2, 1915.

Application filed March 29, 1915. Serial No. 17,662.

*To all whom it may concern:*

Be it known that I, HENRY WELSCH, a citizen of the United States, residing at El Paso, in the county of El Paso and State of Texas, have invented certain new and useful Improvements in Liquid-Containers and Holders Therefor, of which the following is a specification.

This invention relates to a liquid container and holder therefor, and particularly to a liquid container adapted to be secured upon the running board of a vehicle for the purpose of containing and transporting water, gasolene or other liquid.

One object of the invention is to provide a container which is adapted to be conveniently handled and transported when not secured in position, and to be fastened in position upon the running board against any possibility of casual displacement.

A further object of the invention is to provide a container which is adapted especially for the transportation of water, and to be kept moist so that in the travel of the vehicle the evaporation of the moisture will keep the contents of the container cool.

A still further object of the invention is to provide a container which may be easily and quickly applied, and as readily released and removed.

The invention consists in the features of construction and combination and arrangement of parts more fully hereinafter described and claimed, reference being had to the accompanying drawings, wherein—

Figure 1 is a view in side elevation of my improved container mounted upon a running board, a portion of the container being broken away to better show the construction; Fig. 2 is a central vertical transverse section through the container; and Fig. 3 is a fragmentary top plan view of the clamping band.

Referring to the drawing, 1 designates my improved container, which may be made of sheet metal or other suitable material. This container comprises a flat bottom 2, side walls 3, end walls 4 and a top wall 5, the said top wall being a continuation of the end walls. The container as thus constructed is in the form of a narrow oblong rectangular body at its base and has its top wall curved or dome-shaped and provided with a suitable screw-threaded filling inlet and discharge outlet 6 closed by a screw cap 7.

The crown portion of the top or curved wall 5 of the receptacle is off-set inwardly to provide a groove or recess 8 and side flanges or shoulders 9, while the sides 3 of the receptacle are provided with substantially circular off-set portions 10, for a purpose hereinafter described.

The container 1 is adapted to be fitted at its base within a narrow oblong rectangular holding vessel 11, which vessel is suitably fastened to the running board 12 of the vehicle, retaining or keeper hooks 13 and 14 being provided at the ends of said receptacle, as shown. The upper marginal edges of the walls of the receptacle 11 are formed with strengthening beads 15, and the central portions of the beaded side edges of said receptacle are arranged to engage the off-set portions 10 of the side walls of the container, whereby the latter is frictionally engaged and centered in position. Below the portions 10, the side walls 3 of the container preferably flare inwardly so as to provide a water-containing space or chamber 16 between the same and the walls of the receptacle 11.

The container is adapted to be held in position upon the running board by means of a clamping band 17, preferably made of spring metal, but which may be of leather or other suitable material. This band is adapted to extend at the ends of the receptacle and over and around the curved wall of the container 1 and to seat within the groove or recess 8, whereby the container will not only be held from upward movement but also against any tendency to lateral displacement or tilting motion. At one end the band 17 is provided with a ring-shaped fastening member 18 to engage the hook 13, and at its opposite end the band is provided with a ring 19 to engage the hook 14, said ring 19 being pivotally connected with a cam lever 20 pivoted at 21 to the adjacent end of the band, and arranged so that when the free end of the lever is swung outwardly the ring 19 will be relaxed and disengaged from the hook 14, while when said free end of the lever is swung inwardly the ring 19 will be drawn into engagement with the hook and its pivoted ends moved to a position in rear of the pivotal connection 21, so that the lever and ring will be self-locked in fastening position.

For the purpose of insuring the firm re-

tention of the container against any possibility of movement, while at the same time securing the cap 7 against displacement, the clamping band is provided with an opening 22 through which the inlet 6 and cap 7 project and with an inverted U-shaped bridge plate or clamping member 23 which extends longitudinally over said opening and bears upon the cap 7 to hold the same against disconnection. The container is provided on opposite sides of its crown portion with ears 24 to which are pivoted a carrying bail 25 having the usual roller grip or handle 26. An inverted U-shaped spring clasp 27 is provided upon the clamping band to receive and grip the handle 26, whereby the carrying bail may be turned downward to a non-interfering position and held in such position against displacement and prevented from rattling during the movement of the vehicle.

It will be evident from the foregoing description that the invention provides a container which may be firmly fastened in position against independent motion or any tendency to rattling, and the closure of which will also be held from accidental opening or loss, while the construction of the fastening means is such as to permit the container to be applied and removed in a quick and convenient manner. It will, of course, be understood that the container may be employed for carrying any one of a number of kinds of liquids commonly carried by automobilists, such as gasolene, oil, water, etc. When the device is employed as a holder for drinking water, it is desirable to provide some means for keeping the container and water cool. This may be accomplished by incasing the container in a sheathing 28 of some suitable heat-insulating and porous material, such as a covering of a mixture of felt and asbestos. This will protect the contents of the container from the rays of the sun and external heat, while preventing any internal change of temperature due ordinarily to radiation or conduction. By filling the space or chamber 16 of the receptacle 11 with water, this water in the form of moisture will be taken up and absorbed by the sheathing 28 and will be evaporated in the rapid travel of the vehicle by the action of the currents of air, thus keeping the container and its contents cool.

I claim as my invention:

1. The combination with a support, of a base receptacle secured to said support, said receptacle being of substantially rectangular form, a container having a bottom portion of substantially corresponding form to fit within said receptacle and having an upper portion provided with a segmental curved top wall, said wall being depressed at the center and provided with retaining flanges at the sides, retaining members upon the ends of the receptacle, and a band for engagement with said retaining members and adapted to pass over the container and fit about the depressed top and between the flanges thereof.

2. The combination with a support, of a receptacle secured to the support, a container movably mounted in the receptacle and having an absorbent sheathing, said receptacle being provided with a space or chamber for the reception of water to be taken up by the sheathing, and means for detachably securing said container in position.

3. The combination with a support, of a receptacle secured to the support, a container fitted at its base in said receptacle, said container being provided with a porous sheathing and having its walls flared with relation to the walls of the receptacle to provide a water-containing space between said container and receptacle, and means for detachably securing said container in position.

4. The combination with a support, of a receptacle secured to the support, a container fitted at its base within said receptacle, said retainer being provided with offset portions to frictionally engage portions of the walls of the receptacle and having downwardly converging surfaces below said offsets to form with the walls of the receptacle a water containing space, said container being further provided with a porous sheathing, and means upon the receptacle to hold the container seated therein.

5. The combination with a support, of a receptacle secured to the support, a container fitted at its base in said receptacle, said container having an upper curved wall provided with a filling and discharge tube and a closure therefor, and a band secured to the receptacle and engaging said curved wall to secure the container in position, said band having an opening for the projection of said filling tube and closure and a bridge piece extending over said opening and adapted to bear against said closure.

6. The combination with a support, of a receptacle secured to said support, a container fitted at its base within the receptacle and having a curved top wall, said wall being set inwardly to provide a groove and marginal flanges at the sides thereof, and a fastening band engaging said groove and disposed between said flanges for detachably securing the container in position.

7. The combination with a support, and a receptacle secured to the support, of a container fitted at its base within said receptacle and having a curved top wall set inwardly to provide a groove and marginal side flanges, said wall being provided with a filling tube and a closure therefor, a piv-

oted handle upon the container, retaining members at the ends of the receptacle, a band having means for detachably engaging said retaining members, said band being provided with an opening for the projection of said tube and closure and arranged to engage said groove and flanges, an engaging member upon the band to bear upon the closure, and a clasp upon the band to receive and engage the handle upon the container.

8. The combination with a support, and a receptacle secured to the support, of a container fitted at its base within said receptacle and having a curved top wall set inwardly to provide a groove and marginal side flanges, said container being also provided with a pivoted handle, retaining members at the ends of the receptacle, a band having means for detachably engaging said retaining members, and a clasp upon the band to receive and engage said pivoted handle.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY WELSCH.

Witnesses:
F. THATCHER,
N. A. BRAY.