

R. E. COX.
MILK BOTTLE HOLDER.
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1,137,583.

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Fig. 1.

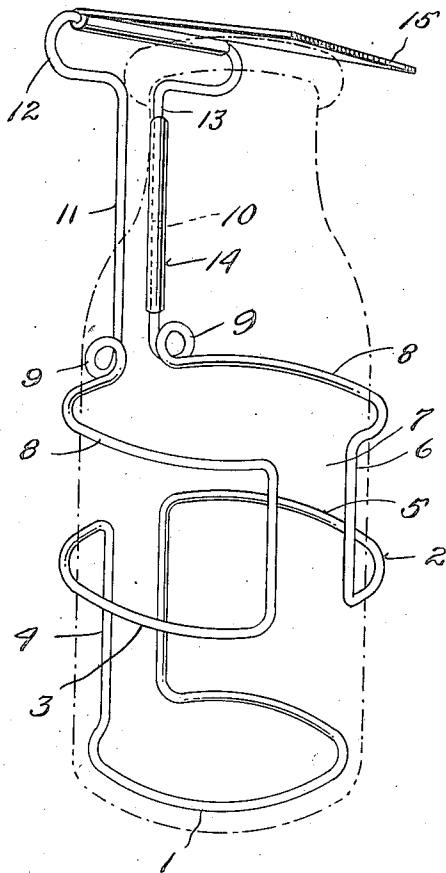
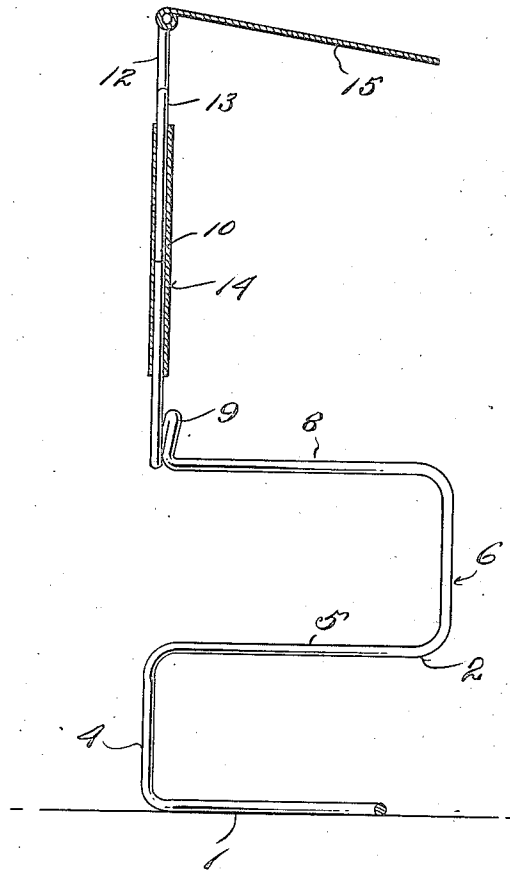


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

ROBERT E. COX, OF PALOUSE, WASHINGTON.

MILK-BOTTLE HOLDER.

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To all whom it may concern:

Be it known that I, ROBERT E. COX, a citizen of the United States, residing at Palouse, in the county of Whitman, State of Washington, have invented certain new and useful Improvements in Milk-Bottle Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a milk bottle holder.

An object of the invention is to provide a device of this character of which the body portion is constructed entirely of one piece of wire bent into the desired formation.

A further object of the invention is to construct the device that the bottle may neither be displaced downwardly or laterally.

A further object of the invention is to make provision in the device for the covering of the bottle so as to protect the same from rain or the like.

With these and other objects in view, such as will appear as the description progresses, my invention comprises the combination and arrangement of parts as set forth in and falling within the scope of the appended claims.

Referring to the drawing: Figure 1 is a perspective view of my device. Fig. 2 is a longitudinal sectional view.

Referring to the drawing wherein like parts are indicated by like characters throughout the several views:—My device comprises broadly a base member 1 for supporting a bottle and two arcuate arms 2 and 3 for preventing the lateral displacement of the bottle. This base is formed of a piece of wire bent into substantially circular formation. In order that the arms 2 and 3 may be formed, I have continued the ends of the wire forming the base 1 upwardly, as at 4, in spaced relation to form a shank portion and have bent the said wire then outwardly in a horizontal plane in arcuate formation, as at 5, and thence upwardly, as at 6, leaving a space 7 between the portions 6. The wire is then bent to form arcuate portions 8 similar to the portions 5.

In order that the device may be attached to a wall or the like, I then bend the wire to form eyes 9 which are in spaced relation and continue the wire over one of the eyes

upwardly a short distance and terminate the same, as at 10, while the other wire from the other eye is continued upwardly, as at 11, and thence bent into a looped portion 12 and downwardly, as at 13, to meet the end of the portion from the other eye. These ends are secured together by a metallic strip 14. The portions 11 and 13 of the wire forming a shank connection between the arms 2 and 3 and the loop 12. Pivotally mounted on the upper portion of the loop 12 is a cover plate 15 which is arranged to project over the mouth of the bottle.

In use the cover plate is swung into a vertical position and the bottle placed so as to rest upon the base 1 with the arms 2 and 3 encircling the body portion of the bottle, the cover plate 15 is then swung to a horizontal position and covers the mouth of the bottle. It may be thus seen that by securing the device to a convenient support by passing screws or the like through the eyes 9 the device may be used to support a milk bottle so that the same will be held free of the ground.

I have so constructed the device that the same is formed entirely of one piece of wire bent into the desired formation and which is of such form as to insure the maintenance of the bottle in the proper position and to obviate the possibility of the displacement of the bottle therefrom. By constructing the device of one piece of wire a very inexpensive device is provided and yet one which will be of such construction as to be exceedingly efficient in use. Furthermore a device is provided which may be readily cleaned and thus maintained in a sanitary condition and free from insects.

While I have illustrated and described a particular embodiment of my invention, I have merely done so for the sake of convenience and I do not wish to be limited to the particular embodiment as it is obvious that numerous changes may be made within the details of construction thereof without departing from the spirit of the claims.

What is claimed is:—

1. In a milk bottle holder, a base, a pair of arcuate arms, a shank extending upwardly from said arms, a loop on the upper end of said shank, and a metallic plate hingedly secured to the upper portion of said loop, said base, arms, shank and loop being formed of a continuous piece of wire.

2. In a milk bottle holder formed of a continuous piece of wire, a base of substantially

circular formation, spaced parallel portions
of wire extending upwardly from the base,
arcuate members extending at right angles
to said portions, additional arcuate members
5 spaced vertically from the first mentioned
members, said first mentioned arcuate mem-
bers being connected to the last mentioned
members by integral portions of the wire, a
shank formed of parallel portions of the
10 wire extending upwardly from said last
mentioned arcuate members, eyes formed in

the wire adjacent the junction of the shank
and the said arcuate members; and a loop
formed integral with the shank at the upper
portion thereof and of the wire.

In testimony whereof, I affix my signa-
ture, in the presence of two witnesses.

ROBERT E. COX.

Witnesses:

GEO. C. JEWETT,
ALLAN LAMPHERE.