C. EKVALL.

MILK PAIL HOLDER.

APPLICATION FILED NOV. 6, 1912.

1,067,168. Patented July 8, 1913.

Fig. 1.

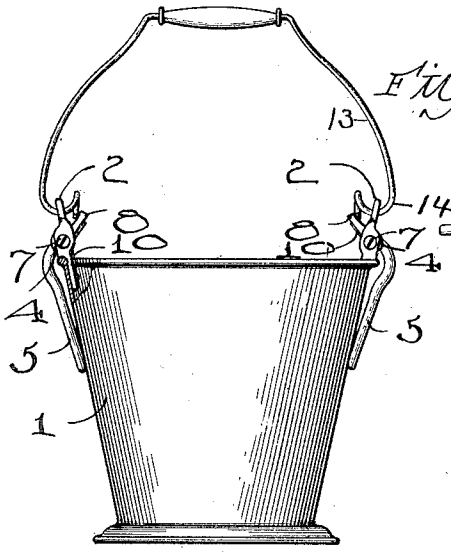


Fig. 2.

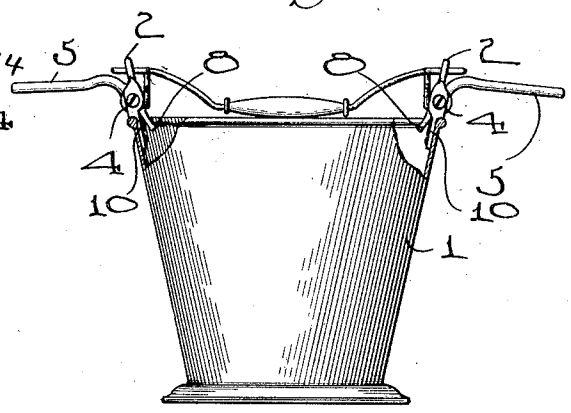


Fig. 3.

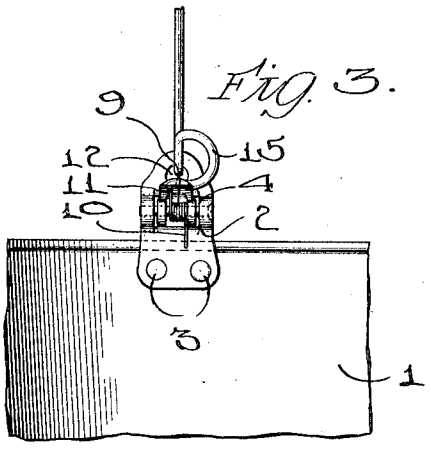


Fig. 4.

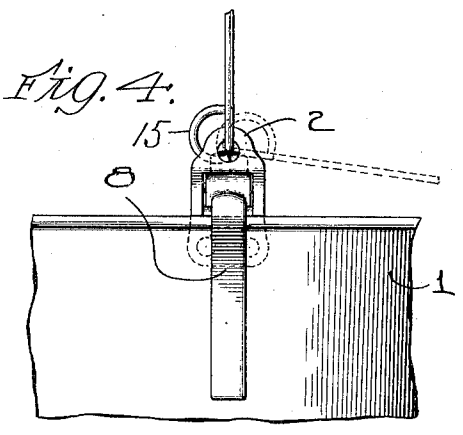
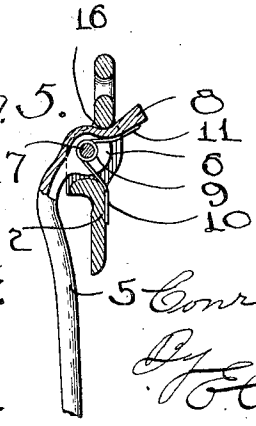


Fig. 5.



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MILK-PAIL HOLDER.

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To all whom it may concern:

Be it known that I, CONRAD EKVALL, citizen of the United States, residing at Elgin, in the county of Kane and State of Illinois, have invented certain new and useful Improvements in Milk-Pail Holders, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to milk pails and the like and has special reference to a device which is provided with supporting means, and means for automatically holding said supporting means in an extended position.

Another object of the invention is the production of leg supports which will normally rest against the side of the pails when not in use and will allow the handle to be moved to one side of the central portion of the bucket in order to allow said handle to rest upon the top of the bucket.

With these and other objects in view this invention consists of certain novel combinations, constructions, and arrangements of parts as will be hereinafter fully described and claimed.

In the accompanying drawings: Figure 1 is a side elevation of the device showing the leg supports resting against the side of the pail. Fig. 2 is a side elevation of the device showing the leg supports in an extended position and the pail partly in section. Fig. 3 is a view of the inside of one of the bracket members illustrating how the leg supports are carried. Fig. 4 is a fragmentary section of the pail illustrating how the handle may be moved to one side of the central portion of the bucket to allow said handle to rest upon the top of said bucket. Fig. 5 is a central vertical section of the bracket and leg support.

Referring to the accompanying drawings by numerals it will be seen that this device consists of a pail 1 which is of any convenient form. Mounted upon the top of the bucket and upon the opposite sides thereof are the brackets 2 which are held in position by means of the rivets 3. Each bracket 2 is provided with a rectangular opening 4 through which the leg rest or support 5 is adapted to pass. This leg rest or support 5 is provided with ears 6 through which the pivot pin 7 passes, whereby the leg support 5 is pivotally mounted upon the pail. The inner rim of the leg support 5 extends upwardly as indicated at 8. The pivot member 7 carries a coil spring 9, said coil spring 9 provided with one end portion 10 extending on the inside of the bracket 2 and the other end portion 11 bearing upon the under side of the upwardly extending portion 8 of the leg support. In this manner the leg support or rest is normally held upon the side of the pail as illustrated in Fig. 1.

The brackets 2 are provided with the apertures 12 which are adapted to receive the end portions of the handle 13. This handle 13 is provided with bowed portions 14 which extend to form a cam member 15 which is formed at a spaced distance from the bracket member 2. The leg rest 5 is provided upon its upper side with a pocket 16 in which the cam 15 normally rests. When it is desired to throw the leg rest 5 in an operative position as illustrated in Fig. 2 the handle 13 is moved to one side and pushed down upon the top of the pail, whereby the cam 15 will ride within the pocket 16 and in this manner throw the leg support in an extended position. It will be seen that by use of the pockets 16 the cam 15 will be prevented from spreading in either direction and there will also be a small leverage allowed the cam. When it is desired to allow the leg support 5 to rest upon the side of the pail and at the same time it is necessary for the handle to be pressed down upon the top of the pail this may be done by simply moving the handle 13 in the opposite direction as illustrated in Fig. 4.

By use of this device it will be seen that the pail may be easily carried from place to place or it may be supported upon the lap of a person if desired without danger of the same collapsing or overturning and spilling the milk.

Having thus described the invention what is claimed as new, is:—

1. A milk pail of the class described comprising a body, brackets mounted upon the upper side of said body, said brackets provided with a rectangular opening, leg rests or supports pivotally mounted within said opening, a handle carried by said brackets and provided with means for throwing said leg rest or support in an extended position for allowing the same to be supported by the user's lap when so desired.

2. A milk pail of the class described comprising a body, brackets mounted upon the upper side of said body, said brackets provided with a rectangular opening, leg rests

or supports pivotally mounted within said opening, a handle carried by said brackets, said handle provided with bowed portions upon its end portions, cam members formed adjacent said bowed members, said cam members adapted to bear upon the inner end of said leg supports for throwing said leg supports in an extended position when so desired.

3. A milk pail of the class described comprising a body, brackets mounted upon the upper side of said body, said brackets provided with a rectangular opening formed therein, a pivot lug positioned within said opening, leg supports or rests mounted upon said pivot lugs, a spring mounted upon said pivot lugs which is adapted to hold said leg supports upon the side of the bucket, each leg support being provided with a pocket portion upon its upper side, a handle carried by said brackets, each end of said handle comprising a bowed portion extending to form a cam member, said cam member resting in said pocket portion of said leg support, whereby said leg support may be thrown in an extended position, and said pocket constituting a means for preventing said cam member from expanding or twisting out of shape.

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

CONRAD EKVALL.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."