

A. P. KRUMMERT.  
 SANITARY BUCKET.  
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952,676.

Patented Mar. 22, 1910.

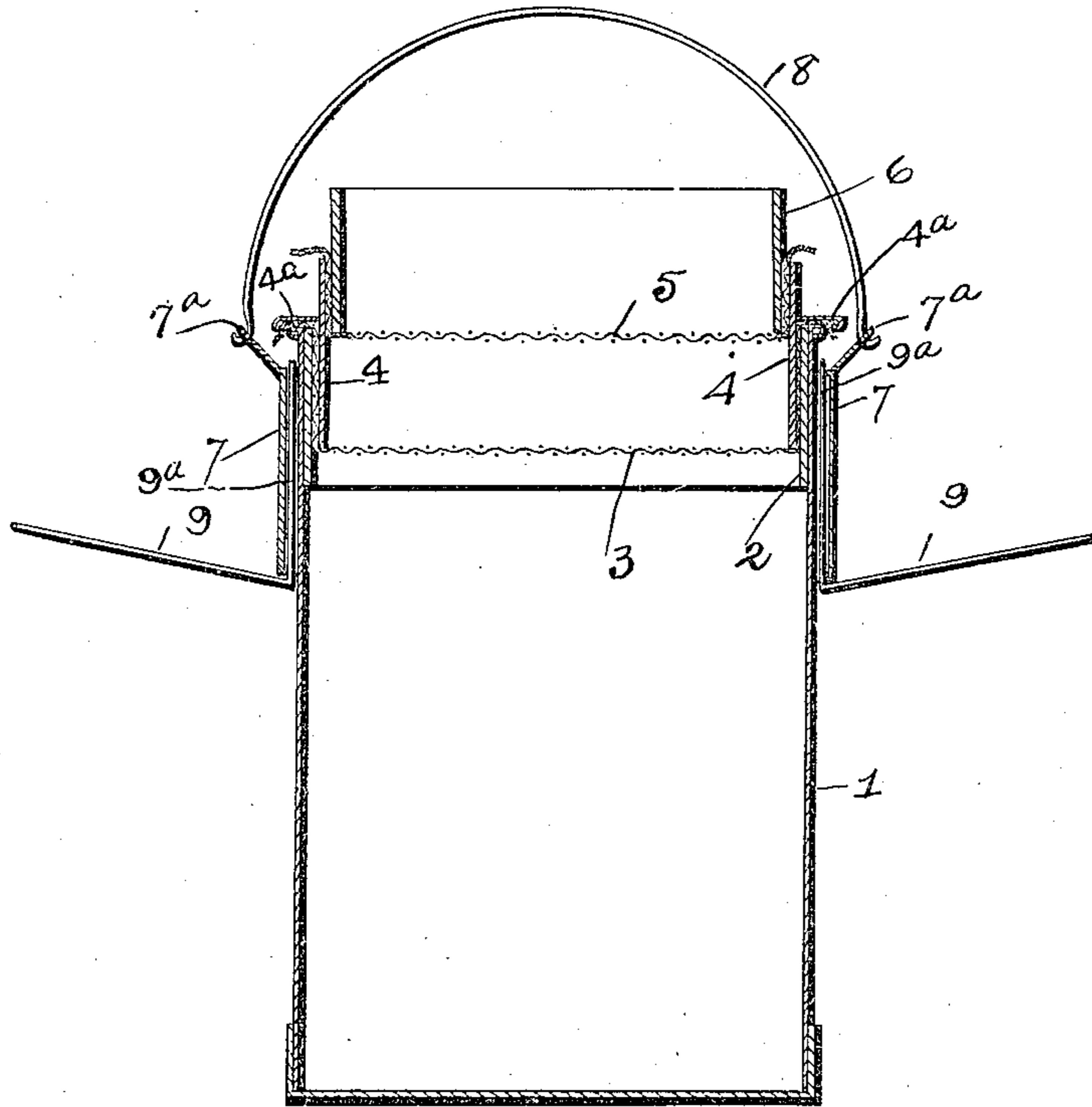


Fig 1

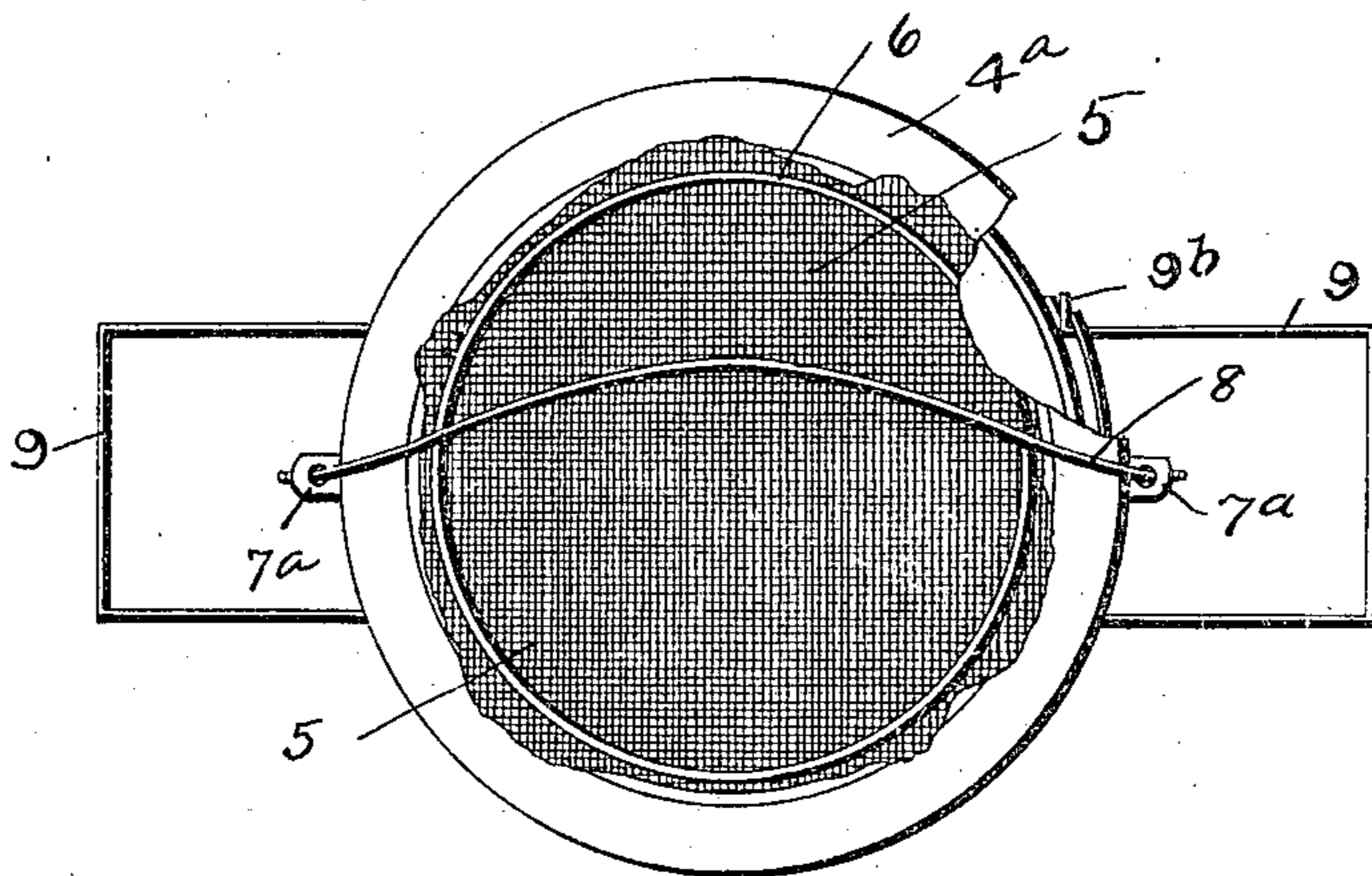


Fig 2

*Alexander P. Krummert* <sup>Inventor</sup>

Witnesses  
*Earl Beattie*  
*U. L. Phelps*

By

*C. C. Shepherd*

Attorney

# UNITED STATES PATENT OFFICE.

ALEXANDER P. KRUMMERT, OF COLUMBUS, OHIO.

SANITARY BUCKET.

952,676.

Specification of Letters Patent. Patented Mar. 22, 1910.

Application filed July 2, 1909. Serial No. 505,591.

*To all whom it may concern:*

Be it known that I, ALEXANDER P. KRUMMERT, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Sanitary Buckets, of which the following is a specification.

My invention relates to the improvement of sanitary buckets and is particularly designed as a receptacle for milk and other liquids, which are adapted to be discharged into the bucket; and the objects of my invention are to provide in conjunction with a bucket body, improved means for straining milk or other liquids discharged directly into the mouth of the bucket; to provide improved means for supporting the bucket during the operation of milking and to produce other improvements, the details of which will be more fully pointed out hereinafter. These objects I accomplish in the manner illustrated in the accompanying drawing, in which:

Figure 1 is a central vertical section of my improved bucket, and, Fig. 2 is a plan view of the same.

Similar numerals refer to similar parts throughout the several views.

In carrying out my invention, I employ a cylindrical bucket body 1 of suitable material. Into the open upper end of the bucket body is detachably fitted a ring or band 2, over the upper end of which is spread a suitable screen or strainer member 3, which although preferably of loosely woven fabric may be of wire or other suitable material. Into the band 2 is inserted a somewhat higher band or retaining ring 4, the latter pressing the screen or strainer member 3 downward within the band 2, causing said strainer member to be drawn taut across the lower end of the member 4. This band member 4 is formed in its upper half with a laterally extending circumferential flange 4<sup>a</sup>, which is adapted to contact with the upper end of the bucket and upper edge of the band member 2. The band 4 being then covered by a screen or strainer member 5, a third band which is adapted to fit detachably within the band 4, is pressed into the upper portion of the latter, with the result that the screen member 5 is forced downward by said upper band 6, into the upper portion of the band 4 and thus drawn taut across the underside of said last-named band. By the means described, it will be seen that two

horizontal screen surfaces are thus provided one above the other.

At opposing points on the outer side of the bucket body, near the upper end thereof, I provide vertically arranged and internally channeled bail engaging brackets 7, each of said brackets having a projecting ear 7<sup>a</sup> at its upper end, with which ears are engaged the ends of a suitable bail 8.

In order to provide means for supporting or suspending the bucket between the knees of a person milking into the same, I provide the bucket with oppositely located supporting devices, each of which consists of a doubled wire 9, projecting laterally from the exterior of the bucket and detachably held in connection with the latter by having its inner portions formed with upturned members 9<sup>a</sup> which are inserted through one of the channel brackets from the lower end thereof, the upper ends of said wire members 9<sup>a</sup> being, as indicated at 9<sup>b</sup>, bent outward into engagement with the sides of the upper end of the bracket 7.

From the construction shown and described, it is obvious that my improved bucket, will be of great utility as a milk bucket or bucket into which the milk may be discharged directly from the cow's udder. Owing to the fact that the milk is discharged first against the inner surface through which it passes, to the screen surface 3 and thence into the bucket, it is obvious that the screens will tend to collect any sediment or foreign matter, thus insuring the discharge of milk into the bucket, in a desirable sanitary condition.

Although particularly designed as a milk bucket, it is obvious that my device may be utilized for the reception of other liquids which may be purified by straining. Owing to the fact that the straining members or screens are detachably held by the removable bands 2, 4 and 6, it is obvious that said straining members may be readily removed for cleaning or for the purpose of substituting new strainers.

It will be observed that the device herein described is simple of construction and may be produced at a reasonable cost of manufacture.

From the foregoing description, it will be seen that simple and efficient means are herein provided for accomplishing the objects of the invention, but while the elements shown and described are well adapted

to serve the purposes for which they are intended, it is to be understood that the invention is not limited to the precise construction set forth, but includes within its  
 5 purview such changes as may be made within the scope of the appended claim.

What I claim, is:

In a device of the character described, the combination with a bucket body, of a pair  
 10 of oppositely located channeled brackets, a bail engaging ear carried by each of said brackets, a bail connecting said ears and

supporting devices for said bucket body, each of said supporting devices being of U-shape and each of the supporting devices 15 having a pair of upturned ends which are engaged within the channeled brackets, substantially as shown and described.

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

ALEXANDER P. KRUMMERT.

Witnesses:

L. CARL STOUGHTON,  
 A. L. PHELPS.