(No Model.)

G. C. BOVEY.

COMBINED MILK BUCKET AND STOOL.

No. 296,386. Patented Apr. 8, 1884.

FIG. 1.

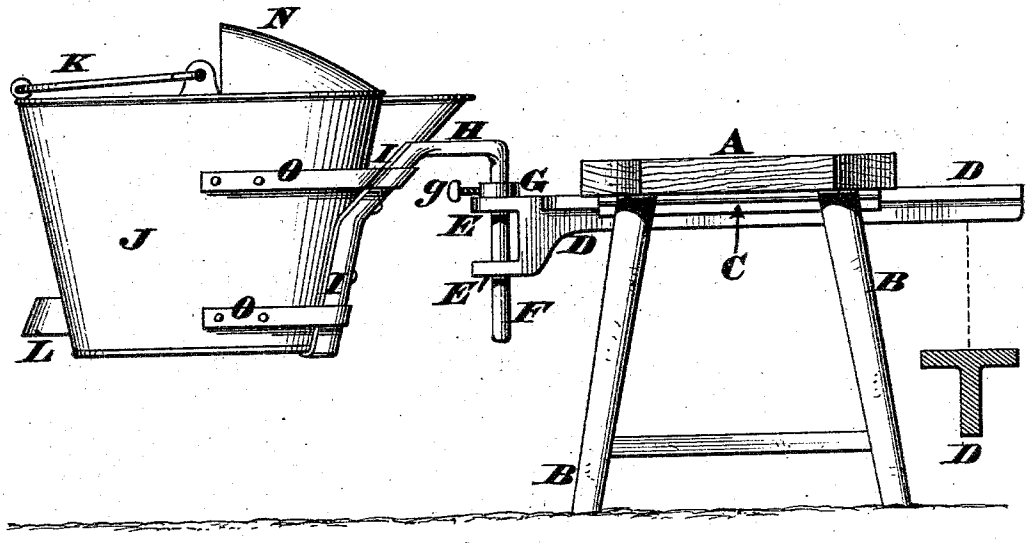


FIG. 2.

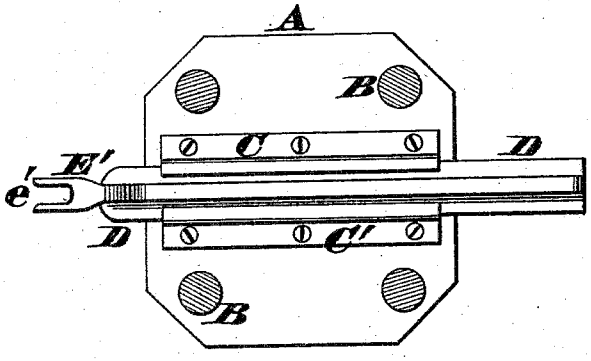


FIG. 4.

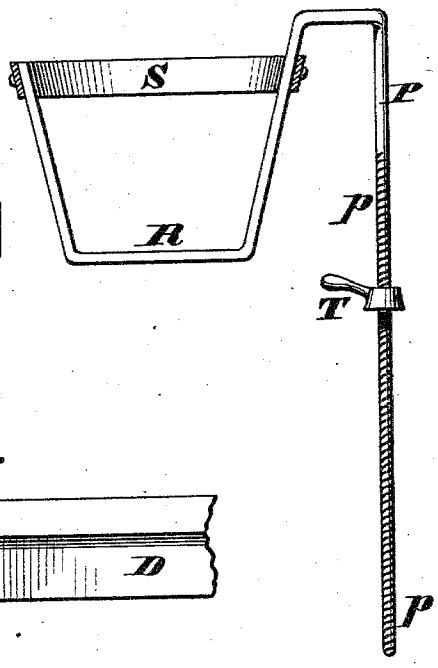
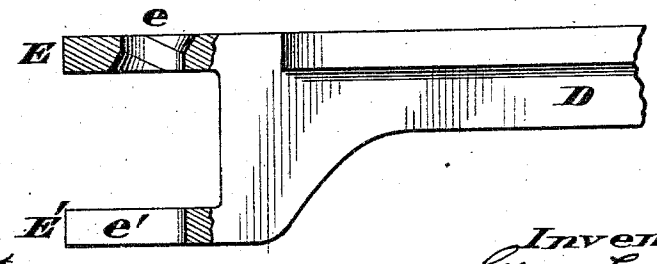


FIG. 3.



Attest.
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UNITED STATES PATENT OFFICE.

GEORGE C. BOVEY, OF COLUMBUS, OHIO.

COMBINED MILK BUCKET AND STOOL.

SPECIFICATION forming part of Letters Patent No. 296,386, dated April 8, 1884.

Application filed December 31, 1883. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. BOVEY, 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 Combined Milk Buckets and Stools, of which the following is a specification, reference being had therein to the accompanying drawings.

My improved milk bucket and stool comprises a novel combination of devices that enables the bucket to be adjusted vertically, to be shifted toward or away from the operator, and to be free to swing from side to side, as occasion may require. Said combination includes a slide that moves horizontally in suitable guides attached to the under side of the seat or stool proper, one end of said slide having a pair of bearings that are either perforated or slotted to admit a vertical shaft, which shaft is provided with a shiftable collar and a set-screw for the purpose of adjusting said shaft within said bearings. This shaft develops into or is attached to a socket, the latter being secured to a milk-bucket of any approved construction. By this combination of devices any desired range of adjustment for the bucket is conveniently provided for, as hereinafter more fully described, and pointed out in the claims.

In the annexed drawings, Figure 1 is a side elevation of my improved milk bucket and stool. Fig. 2 is a plan of the under side of the stool, the bucket being detached therefrom. Fig. 3 is an enlarged vertical section of the bearings of the slide. Fig. 4 is a modification of the invention.

The stool A, which may be of any convenient size, is supported on legs B, and has secured to its under side a pair of guides, C C′, that confine to a horizontal path the slide D. This slide is preferably T shape in transverse section, and terminates at one end with a pair of bearings, E E′, of which the upper bearing, E, is perforated at *e*, while the lower bearing, E′, is either slotted or forked at *e′*. Adapted to play within these bearings E *e* E′ *e′* is a shaft, F, carrying a shiftable collar, G, provided with a thumb-screw, *g*. Shaft G bends laterally at H, and then develops into a socket, I, so shaped as to fit snugly around the spout, and also around a portion of the sides of a milk-bucket, J, which latter has a bail, K, handle L, and hood N. Socket I may be either riveted or soldered to the bucket, and for additional security one or more bands or straps, O, may be soldered to said socket and extend part way around the vessel J.

To apply the bucket J to the stool A B, it is necessary only to insert the shaft F in the bearings E *e* E′ *e′* and adjust the collar G on said shaft, so as to maintain the bucket at any desired elevation, according to the height of the cow. The slide D is then shifted, either in or out for the purpose of locating the stool A at any position that may be most convenient for the operator, and the milking is then proceeded with in the usual manner, the shaft F turning readily in its bearings to allow the bucket to be swung aside, either to the right or left, so as to follow any slight movement of the cow. After the milking is done, a direct lift or pull on the bail K is all that is necessary to draw the shaft F out of the bearings E *e* E′ *e′*, and thereby uncouples the bucket from the stool.

The above is a description of the special bucket that is furnished when a complete implement is ordered; but as it is often desirable to utilize old buckets, I furnish a holder similar to what is seen in Fig. 4. This holder consists of a shaft or rod, P, bent as shown, the portion R serving as a receptacle to admit the bucket, which is retained in its proper place by a ring, S. Furthermore, the rod P is screw-threaded at *p* to receive a hand-nut, T, which latter takes the place of the shiftable collar G, thereby indicating that the vertical adjustment of the bucket may be accomplished in any convenient way.

I claim as my invention—

1. The combination of stool A, slide D E *e* E′ *e′*, and shaft F, to which latter is fastened the milk-bucket J, said shaft being provided with a shiftable collar, G *g*, for the purpose described.

2. As a new article of manufacture, a milk-bucket having attached to it the shaft F, provided with a bend, H, socket I, and shiftable collar G *g*, as and for the purpose specified.

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

GEORGE C. BOVEY.

Witnesses:

JAMES H. LAYMAN,

SAML. S. CARPENTER.