(No Model.)

G. C. BOVEY.

Combined Milk Bucket and Stool.

No. 235,123. Patented Dec. 7, 1880.

FIG. 1.

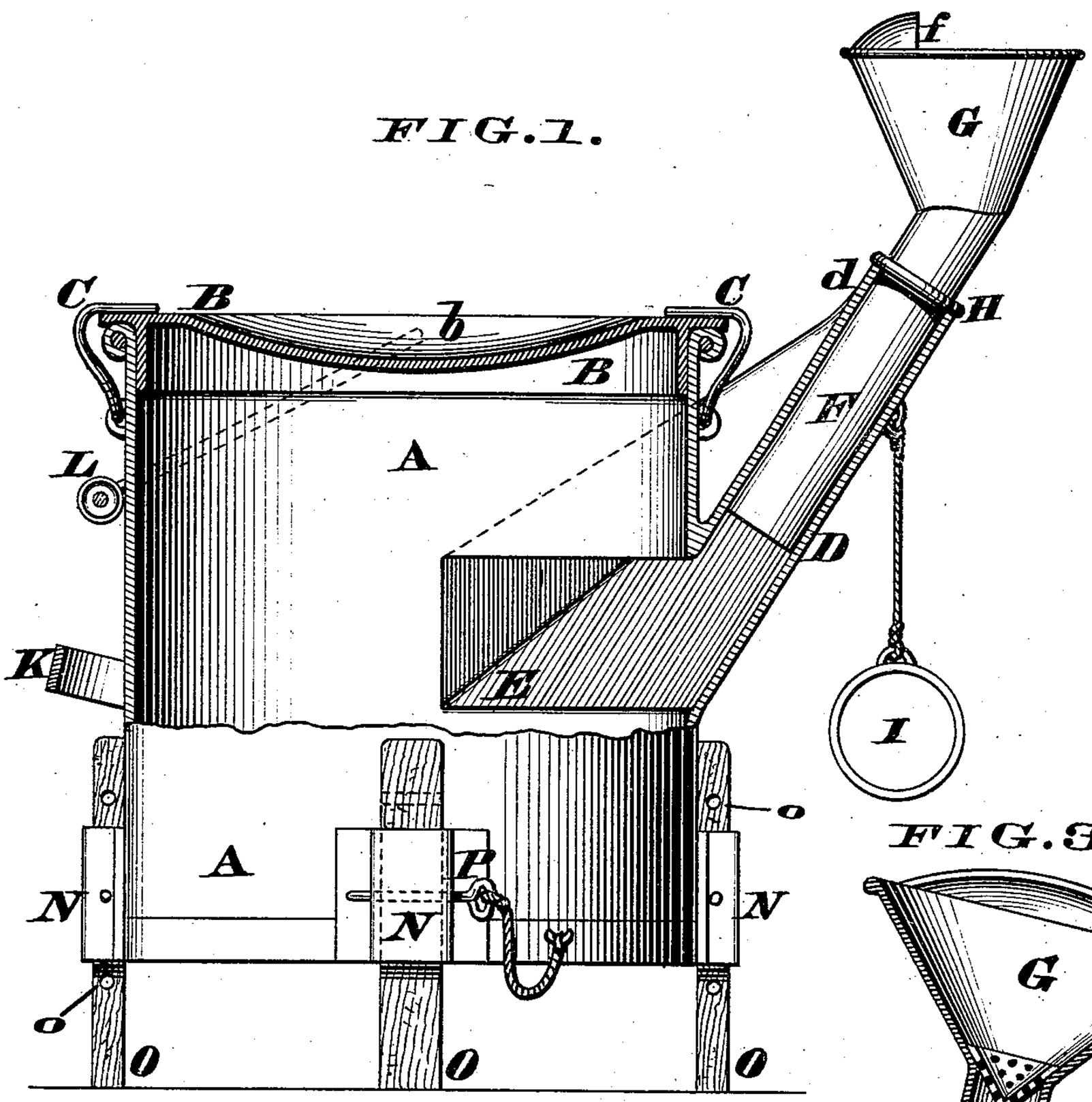


FIG. 2.

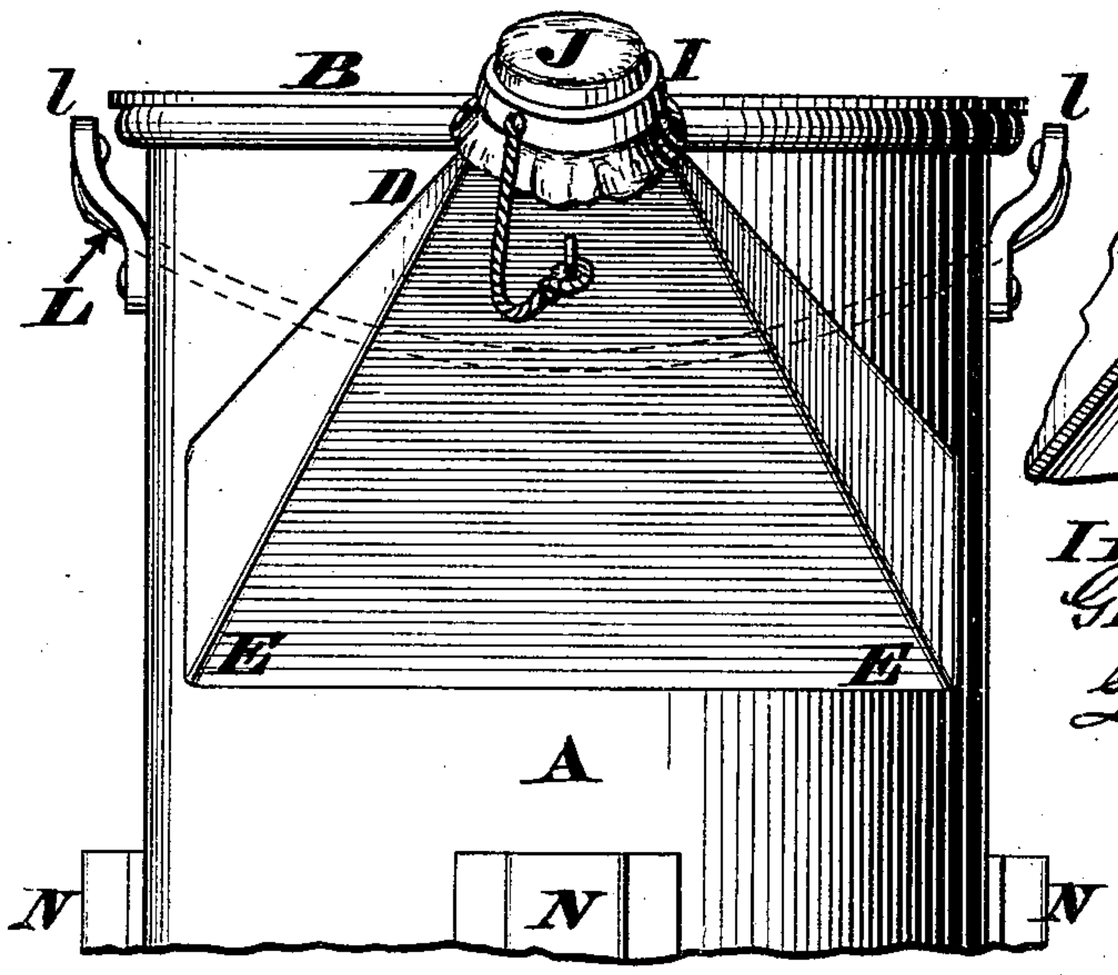
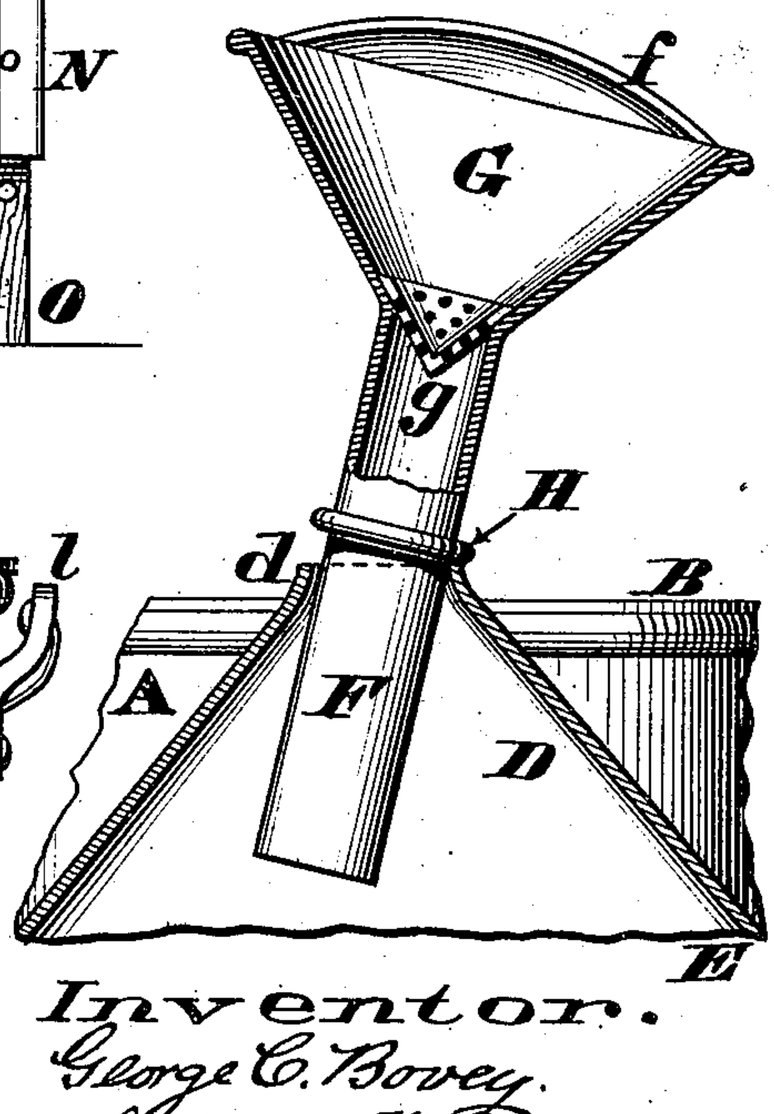


FIG. 3.



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UNITED STATES PATENT OFFICE.

GEORGE C. BOVEY, OF CHILLICOTHE, OHIO.

COMBINED MILK-BUCKET AND STOOL.

SPECIFICATION forming part of Letters Patent No. 235,123, dated December 7, 1880.

Application filed September 20, 1880. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. BOVEY, of Chillicothe, Ross county, Ohio, have invented a new and useful Combined Milk-Bucket and Stool, of which the following is a specification.

My invention relates to those dairy utensils commonly known as "combined milk-buckets and stools;" and the first part of my improvement consists in imparting to the fixed section of the telescopic inlet-tube a very extended lateral flare where said section joins the bucket, in order that the sliding section of said tube may have considerable side play, so as to be readily adjusted to any limited movements of the cow, this sliding or outer section being maintained at the desired elevation by means of a shiftable elastic ring or collar, as hereinafter more fully described, and pointed out in the claims.

The second part of my invention consists in providing such buckets with a set of sockets to admit perforated legs for the purpose of adjusting the stool to any convenient height, pins being employed for securing said legs in the sockets, as hereinafter more fully described.

In the annexed drawings, Figure 1 is a partially sectionized side elevation of my combined utensil, the telescopic inlet-tube being shown inserted in the spout of the bucket and the latter supported on its extension-legs. Fig. 2 is a front elevation of the utensil, the cloth strainer being applied to the spout of the bucket and the legs removed from the latter. Fig. 3 is an axial section through the spout and telescopic inlet-tube, the latter being shown inclined.

The bucket or can A, which is preferably cylindrical, is closed at top by a lid, B, dished at *b* to serve as a seat, this lid being secured to said bucket with hooks or clips or other attachments C. Projecting upwardly from the front of this bucket, and disposed at any proper inclination, is a spout, D, whose upper end, *d*, is circular, while its lower portion, E, is very much flared laterally where it joins the milk-receptacle A, as more clearly shown in Fig. 2. Adapted to slide within this fixed spout is the telescopic inlet tube or pipe F, provided at top with a funnel, G, deflecting-plate *f*, and strainer *g*. Fitted to this tube is an elastic ring or collar, H, which hugs said tube very closely, but is capable of being slid longitudinally of the latter as occasion may require.

I is a detachable ring, that clamps to the end *d* of the spout D a cloth strainer, J, after the telescopic section F has been withdrawn from out of said spout. K is the bucket-handle, and *l l* are the ears, to which are coupled the bail L. N are the sockets of the detachable legs O, which latter are perforated at *o* to admit pins P, for the purpose of securing the bucket at any convenient height.

To use my combined utensil the legs O are first set so as to raise the seat B to the desired level, and the telescopic tube F is slid either out or in, as may be necessary, for the purpose of bringing the funnel G conveniently near to the cow's teats, the elastic ring H being forced along said tube and brought to bear upon the end of spout D, so as to maintain said telescopic section in position. The dairyman then sits down on the lid B and proceeds in the usual mannner to milk the cow, the fluid being first discharged into the funnel G, and then strained at *g* before flowing into the receptacle A. If the cow should happen to move slightly either forward or backward while being milked, the telescopic pipe F can be easily tilted aside to accommodate the funnel G to the new position of the animal. This tilting is readily effected on account of the tube F being loosely supported on spout D by means of the collar H, the flaring portion E of the spout affording ample room for the inner end of said tube to swing in, as shown in Fig. 3. When the bucket is full the legs O are disconnected, so as to allow said receptacle to be set on a stone floor or in a water-trough to cool the milk.

To strain the milk as it is drawn off from the bucket, the tube F is removed and a cloth, J, is applied to the end of spout D, and is retained in position by simply slipping the ring I over said cloth and spout, as seen in Fig. 2. Evidently the legs O raise the bucket high enough to keep it clear of the stable-litter,

and they also prevent the bottom of said receptacle being injured by resting on stones, sticks, &c.

I claim as my invention—

1. In combination with milk-bucket A, sliding inlet-tube F, and shiftable elastic ring H, the fixed spout D, which latter flares laterally at E, where it joins said bucket, for the purpose set forth.

2. The combination of milk-bucket A, sockets N, perforated legs O *o*, and pins P, as herein described.

In testimony of which invention I hereunto set my hand.

GEORGE C. BOVEY.

Witnesses:

JAMES H. LAYMAN,

JOHN W. LAYMAN.