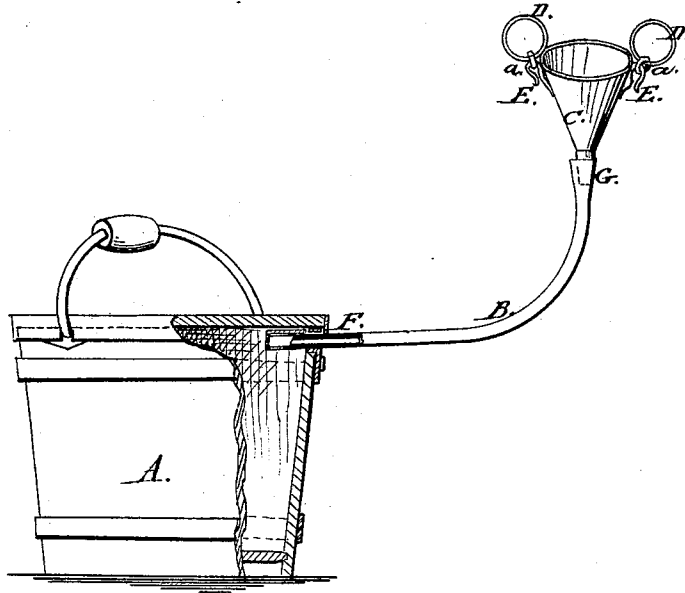


*E. Spedden.*

*Milking Apparatus.*

*N<sup>o</sup> 95,947.*

*Patented Oct. 19, 1869.*



**WITNESSES:**

*Geo. T. Brooks*  
*Paul Blockley*  
11

**INVENTOR:**

*E. Spedden.*  
*Per Munnell.*  
*Attorney.*

# United States Patent Office.

EUGENE SPEDDEN, OF ASTORIA, OREGON.

Letters Patent No. 95,947, dated October 19, 1869.

## IMPROVED MILKING-APPARATUS.

The Schedule referred to in these Letters Patent and making part of the same.

### To all whom it may concern:

Be it known that I, EUGENE SPEDDEN, of Astoria, in the county of Clatsop, and State of Oregon, have invented a new and improved Milking-Apparatus; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The drawing represents an elevation of my improved apparatus partly broken out.

A is a milk-pail, either closely covered, or open, as may be preferred. Into this pail, from the funnel C, passes the flexible tube B. This tube is attached to the pail at F, by a clamp or other device, and to the funnel at C, so that it may be at any time easily detached.

E are handles or hooks, secured to the funnel, and which spring sufficiently to allow the small metallic rings *a* to be readily drawn out of or into said handles or hooks.

In these metallic rings are the elastic rings or wristlets D, through which the hands of the milker are passed to the wrists, and by these wristlets the funnel is held up to the udders of the cow, and at the same time both hands are left entirely free for the operation of milking, which is done into the funnel, the milk passing through the tube to the pail.

The milk may be strained in its passage from the funnel to the tube, by means of straining-wire in the lower end of the funnel.

Either hand may be instantly freed by taking hold of the top of the funnel with one, and passing the other downward, drawing the ring *a* out of the handle, the wristlet remaining on the wrist, to be taken off at pleasure or readjusted to the handle.

By the means ordinarily employed for milking, if both hands are used, the pail has to be under the cow, at some distance from the teats, and consequently much care is required to prevent a waste of the milk, and at the same time being so near the heels of the cow, the pail is liable to be upset, or to have dirt thrown into it, by her moving or kicking.

With my device no milk can be lost, nor can dirt be thrown into it, for the reason that the funnel is held quite up to the teats, and the moving or kicking of the cow cannot interfere with the pail, as it is set at a safe distance from her.

If the common milking-cup is used, time is necessarily taken up in emptying it into the pail, and as one hand has to be employed to hold it, but one can be used in milking.

The pail, with a closed top, may serve for a stool for the milker, and thus save the use of a separate stool, as now commonly used.

The elastic wristlets may be rings, as shown in the drawing, or straps buckled, or otherwise secured on the wrists.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination of the pail, tube, funnel, and elastic wristlets D, substantially as specified.
2. The elastic wristlets D, ring *a*, and hooks E, in combination with the funnel C, when said parts are constructed and arranged to operate as shown and described.

EUGENE SPEDDEN.

Witnesses:

H. B. PARKER,  
C. L. PARKER.