

(No Model.)

G. E. LE CLAIR.
MILK PAIL SUPPORT.

No. 441,424.

Patented Nov. 25, 1890.

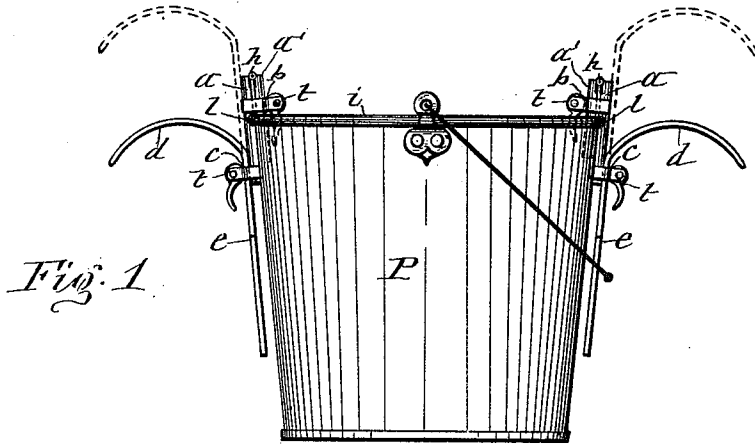


Fig. 1

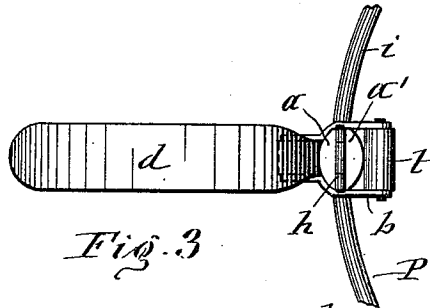


Fig. 3

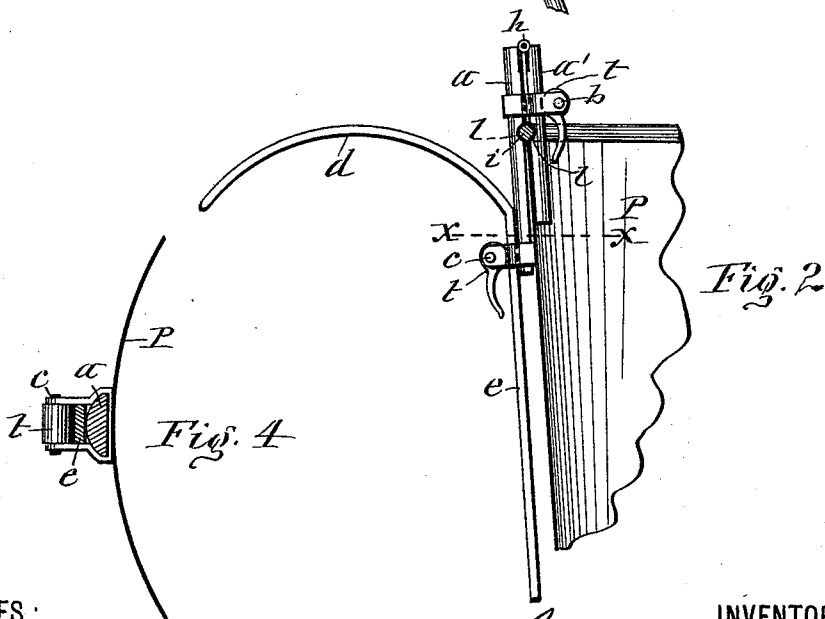


Fig. 2

Fig. 4

WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE E. LE CLAIR, OF MEXICO, NEW YORK.

MILK-PAIL SUPPORT.

SPECIFICATION forming part of Letters Patent No. 441,424, dated November 25, 1890.

Application filed July 10, 1890. Serial No. 358,280. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. LE CLAIR, of Mexico, in the county of Oswego, in the State of New York, have invented new and useful Improvements in Milk-Pail Supports, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the class of milk-pail supports which are secured to the top portion of the pail, and are formed with laterally-extending arms adapted to rest on the thighs of the person engaged in milking; and the invention consists, essentially, of two separable jaws adapted to grasp transversely the top rim of the pail, a clamp for tightening said jaws on said rim, and a supporting-arm clamped on one of said jaws, all as hereinafter more fully described, and specifically set forth in the claims.

In the annexed drawings, Figure 1 is a side view of a milk-pail equipped with my improved supports. Fig. 2 is an enlarged vertical transverse section of one side of the pail and support attached thereto. Fig. 3 is a top plan view of said parts; and Fig. 4 is a transverse section on line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts.

1. Represents the milk-pail, which is usually composed of tin or other suitable sheet metal stiffened by a wire *i*, inclosed in a fold of the top edge of the pail. To opposite sides of the top portion of the pail I secure clamps, each of which consists of two jaws *a a'*, formed of metal bars preferably half-round in cross-section and hinged to each other at one end, as shown at *h*. The adjacent faces of said jaws are formed with transverse grooves *l l*, adapted to receive the wired top rim of the pail, as shown in Fig. 2 of the drawings. Between the grooved portions of the jaws and hinge of the same is a clamp *b*, preferably of the form of a metal strap, secured to the jaw *a* and extending across opposite edges of the jaw *a'*, and some distance beyond the face of the latter, and an eccentric or cam *t*, pivoted to the free ends of said strap, and provided with a handle or thumb-piece by means of which the eccentric or cam

can be turned, so as to compress the two jaws and cause them to firmly grasp the top portion of the pail. The jaw *a*, which is on the exterior of the pail, is preferably prolonged to obtain a good bearing on the pail, and to the lower end of this jaw is attached another clamp *c*, similar to the clamp *b*, but projecting outward from the jaw *a*.

d represents the supporting-arm, which is preferably curved in a vertical plane to conform as near as possible to the shape of the top of a person's thigh when in a sitting posture. This supporting-arm I form with a prolonged vertical shank *e*, which passes through the clamp *c* and is adapted to slide lengthwise therein, and is fastened in its desired position by the eccentric or cam *t* of said clamp. The attachment of the supporting-arms *d d* to the pail is thus rendered adjustable to accommodate the same to the length of the legs of the person supporting the pail by the arms *d d* resting upon the thighs of the person while in a sitting posture, which adjustment is very essential to carry the pail in a proper and convenient position beneath the cow's bag.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A milk-pail support consisting of two separable jaws adapted to grasp transversely the top rim of the pail, a clamp for tightening said jaws on said rim, and a supporting-arm clamped on one of said jaws, substantially as set forth.

2. The combination, with a milk-pail, of the jaws *a a'*, hinged to each other and embracing between them the top rim of the pail, the clamp *b*, connected to the jaws above the pail, the clamp *c*, connected to the outer jaw *a*, and the supporting-arm *d*, having the prolonged shank *e*, passing through the clamp *c* and adjustably held thereby, as set forth and shown.

3. The combination, with the pail *P*, provided with a wired top rim, the jaws *a a'*, hinged to each other at their upper ends and provided in their adjacent sides with the transverse grooves *l l*, the clamp *b*, attached to the outer jaw *a* between its groove and

hinge and provided with the eccentric or cam
t, engaging the jaw *a'*, the clamp *c* on the
lower end of the outer jaw *a*, and the support-
ing-arm *d*, formed with the prolonged shank
5 *e*, passing through the clamp *c* and adjustably
secured thereto, substantially as described
and shown.

In testimony whereof I have hereunto
signed my name, this 8th day of June, 1890.

GEORGE E. LE CLAIR. [L. S.]

Witnesses:

C. L. BENDIXON,
MARK W. DEWEY.