A. L. FISHER.

Spout for Oil Can.

No. 201,513. Patented March 19, 1878.

Fig. 1.

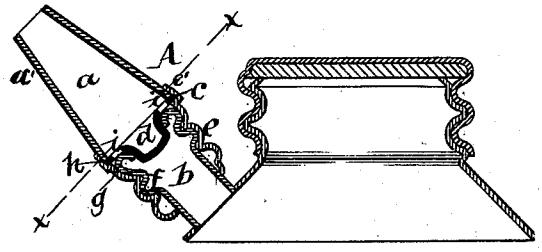


Fig. 2.

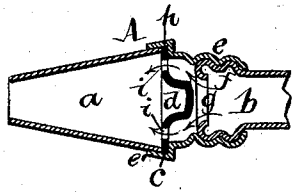


Fig. 3.



Witnesses.
Otto Hupfeland
Chas. Wahlers.

Inventor:
Alvin L. Fisher
by
Van Santvoord & Hauff
his attorneys

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ALVIN L. FISHER, OF ORANGE, NEW JERSEY.

IMPROVEMENT IN SPOUTS FOR OIL-CANS.

Specification forming part of Letters Patent No. **201,513**, dated March 19, 1878; application filed February 13, 1878.

To all whom it may concern:

Be it known that I, ALVIN L. FISHER, of Orange, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Spouts for Oil-Cans and other vessels, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a longitudinal section of my spout when its valve is closed. Fig. 2 is a similar section of the same when its valve is open. Fig. 3 is a transverse section in the plan *x x*, Fig. 1.

Similar letters indicate corresponding parts.

This invention relates to certain improvements in that class of spouts for oil-cans which are provided with a valve adapted to be opened and closed by the movement of the spout; and the present invention consists in a simple manner of constructing and arranging the parts, whereby the valve is secured in position in a simple and effective manner, all of which will be fully hereinafter set forth.

In the drawing, the letter A designates my spout, which is composed of two sections, *a b*, one of which will be designated the "valve-section" and the other the "seat-section." In the example shown in the drawing, the outer section *a* forms the valve-section and the inner section *b* the seat-section; but this position may be reversed without deviating from my invention.

Both sections of my spout are, by preference, made of sheet metal, and the section *a* is composed of two parts—the screw-threaded portion *e* and the outer conical plain portion *a'*, the base of which fits within an enlarged collar, *e'*, of the said screw-threaded portion, but does not extend through the entire depth of said collar, so that the section *a* is provided with a circular recess, *c*, for the reception of the valve *d*. The screw-thread portion *e* engages with a corresponding screw-thread, *f*, in the section *b*. The outer edge of this section is turned in to form a seat, *g*, for the valve *d*. This valve is stamped up of sheet metal, and it is provided with a rim, *h*, the edge of which engages with the circular recess *c* in the section *a*, so that said valve is retained in position in a simple, cheap, and effective manner.

In the rim of the valve are a series of holes, *i*, which form the escape for the liquid contained in the can or vessel when the valve is raised from its seat.

By turning the section *a* in one direction, the valve is raised from its seat and the spout is opened, and by turning the section *a* in the opposite direction the valve is depressed upon its seat and the spout is closed.

It will be readily seen from this description that, by means of the valve, the flow of the liquid from the spout can be regulated, for, if the valve is only slightly raised from its seat, the liquid will flow very slowly, and for this reason my valve-spout is of particular advantage for oil-cans intended for lubricating purposes, since by a judicious use of the valve any waste of lubricating material can be avoided.

The screw-threads *e f* and the valve-retaining recess *c* are pressed into the sheet metal, following the well-known process of making sheet-metal screws, so that all these parts run true together, and the manufacture of my valve-spout is effected in an economical manner.

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

The spout-section *a*, composed of the screw-threaded portion *e*, having the collar *e'* and the conical plain portion *a'*, in combination with the perforated valve *d*, fitting within the recess *c* between said portions, and the screw-threaded front section *b*, having its edge turned inward to form a seat for said valve, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 11th day of February, 1878.

ALVIN L. FISHER. [L. S.]

Witnesses:
W. HAUFF,
E. F. KASTENHUBER.