(No Model.)

S. S. NEWTON.

Oil Can.

No. 242,962. **Patented June 14, 1881.**

Fig. 1

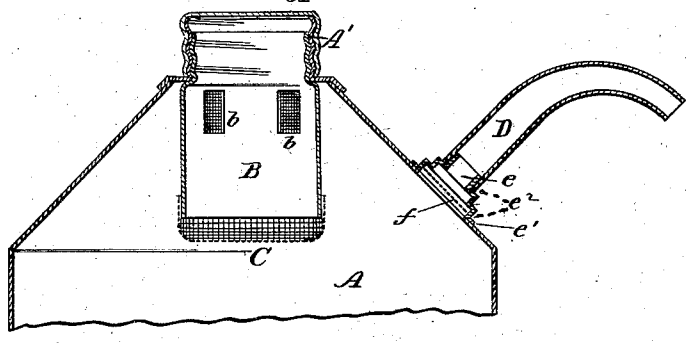


Fig. 4.



Fig. 2

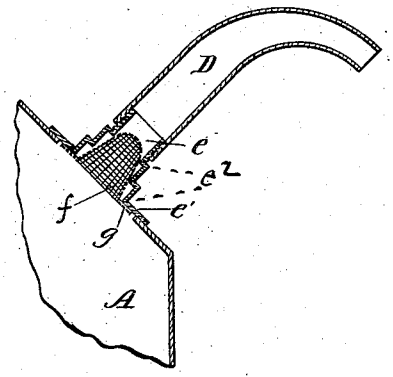


Fig. 3

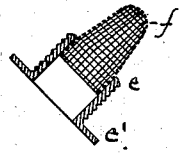
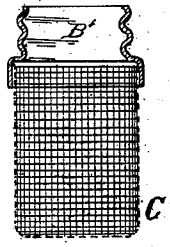


Fig. 5



Witnesses:

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UNITED STATES PATENT OFFICE.

STEPHEN S. NEWTON, OF BINGHAMTON, NEW YORK.

OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 242,962, dated June 14, 1881.

Application filed March 14, 1881. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN S. NEWTON, a citizen of the United States, residing at Binghamton, in the county of Broome and State of New York, have invented certain new and useful Improvements in Oil-Cans; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a vertical central section of the upper portion of an oil-can having my invention applied thereto. Fig. 2 shows a modification of the strainer. Fig. 3 is a detached view, showing a modified construction of the strainer. Fig. 4 is a view of the strainer-coupling detached. Fig. 5 shows a modification of the filling-socket shown in Fig. 1.

Referring to Fig. 1, A is the body of the can, having at its upper end a screw-threaded neck, A′.

A^2 is a screw-threaded cap adapted to be screwed upon the neck A′.

B is a filling-socket having a wire-gauze bottom, C, and, by preference, being provided with a series of openings, *b*, which are covered with wire-gauze. It will be readily seen that oil which is poured through this filling-socket will be strained or filtered as it passes through the wire-gauze. In Fig. 5 the lower part, B′, of the socket is made of wire-gauze and connected at its upper end with a screw-threaded thimble, B′, which is adapted to enter and fit closely the screw-threaded neck A′.

D is the nozzle or spout secured to the can by means of an intermediate coupling, consisting in its simplest form (see Fig. 3) of a flange, *e′*, and a thimble, *e*, having applied thereto a strainer, either thimble-shaped or flat, made of wire-gauze, cut, stamped, or spun into the desired form. The flange *e′* is adapted to fit the body of the can, and the thimble *e* is adapted to receive at its outer end and support the nozzle.

In Figs. 1, 2, and 4 the coupling is constructed with an intermediate portion, e^2, which consists of an angular offset having a strainer-seat lying in a substantially continuous plane, and adapted to have a strainer attached thereto. In Fig. 2 the length of the coupling is such that I employ a thimble-shaped strainer which does not project beyond the end of the thimble *e*, and is therefore protected against external injury during transportation and handling to which it is ordinarily subjected as an article of manufacture.

I am aware that couplings have been made separate and apart from the nozzles of oil-cans, coffee-pots, and similar articles; but I am not aware of the existence of any article of this character which forms a continuation of the larger or lower end of the nozzle, and is adapted to receive and has applied thereto a strainer which is arranged wholly within the coupling, whereby it is protected against accidental injury during handling, and is also adapted to be applied to the body of the ordinary oil-can, and to receive an ordinary nozzle, as such parts are found in the ordinary course of manufacture.

I do not wish to be limited to making the coupling with the thimble cylindrical in form, as in Fig. 3, nor with steps or offsets, as in Figs. 1, 2, and 4, because they might be made in the form of a frustum of a cone and still be adapted to receive a strainer, substantially as shown.

What I claim is—

1. As a new article of manufacture, a filling-socket, B, having at its upper end a screw-threaded thimble, in combination with a screw-threaded neck, A′, and cap A^2, adapted to be applied to an oil-can, but separate and apart therefrom, substantially as set forth.

2. As a new article of manufacture, a coupling for an oil-can nozzle, having a flange, *e′*, an upwardly-projecting thimble, *e*, adapted to receive and support a nozzle, and a thimble-shaped strainer attached to the thimble and arranged to project outwardly from the can, substantially as set forth.

3. As a new article of manufacture, a coupling for an oil-can nozzle, having a flange, *e′*, an upwardly-projecting thimble, *e*, adapted to receive and support a nozzle, an intermediate portion, e^2, having an offset which forms a strainer-seat in a substantially continuous plane, in combination with a strainer attached to said seat, substantially as set forth.

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

STEPHEN S. NEWTON.

Witnesses:

NERI PINE,

JOHN B. HAGAMAN.