(No Model.)

# T. M. RIGHTER & T. R. GRIFFITH.

## OIL CAN.

No. 252,519. Patented Jan. 17, 1882.

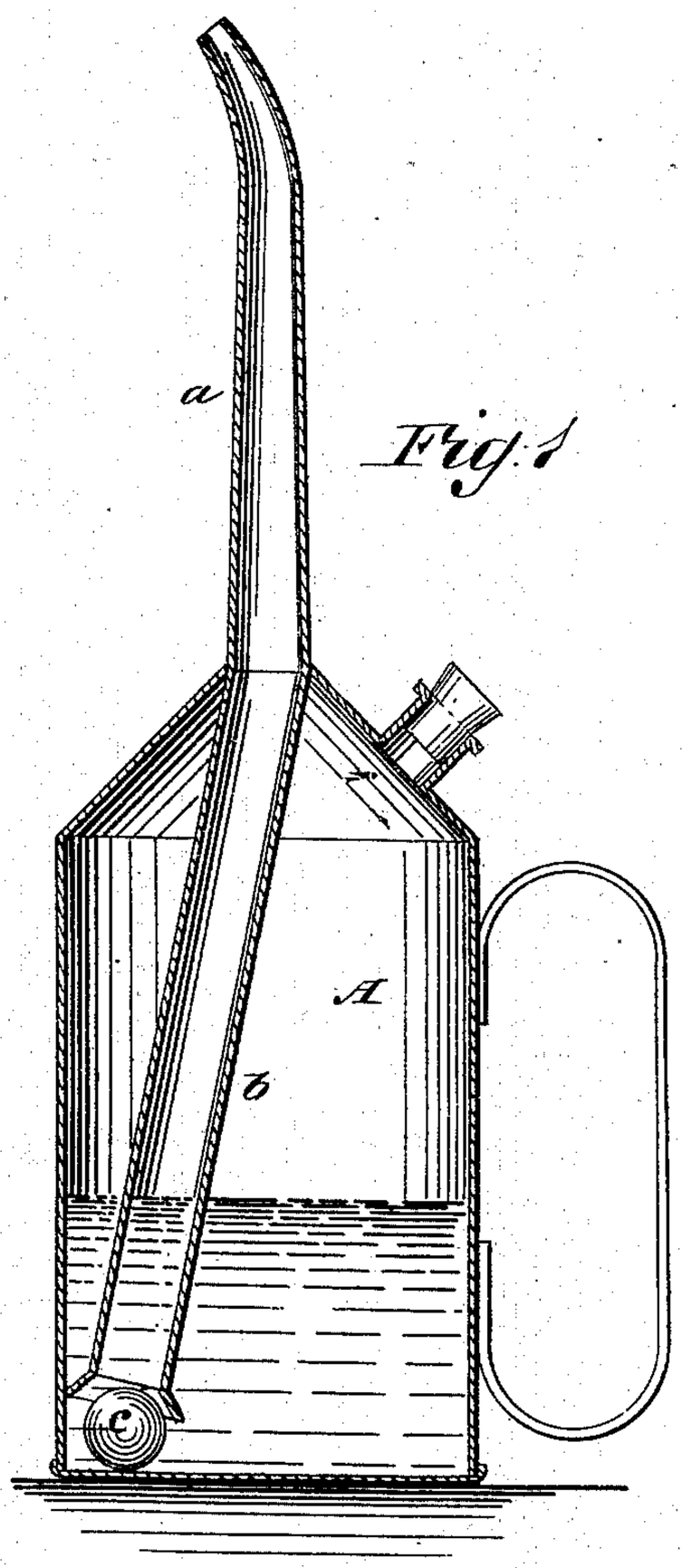


Fig. 1

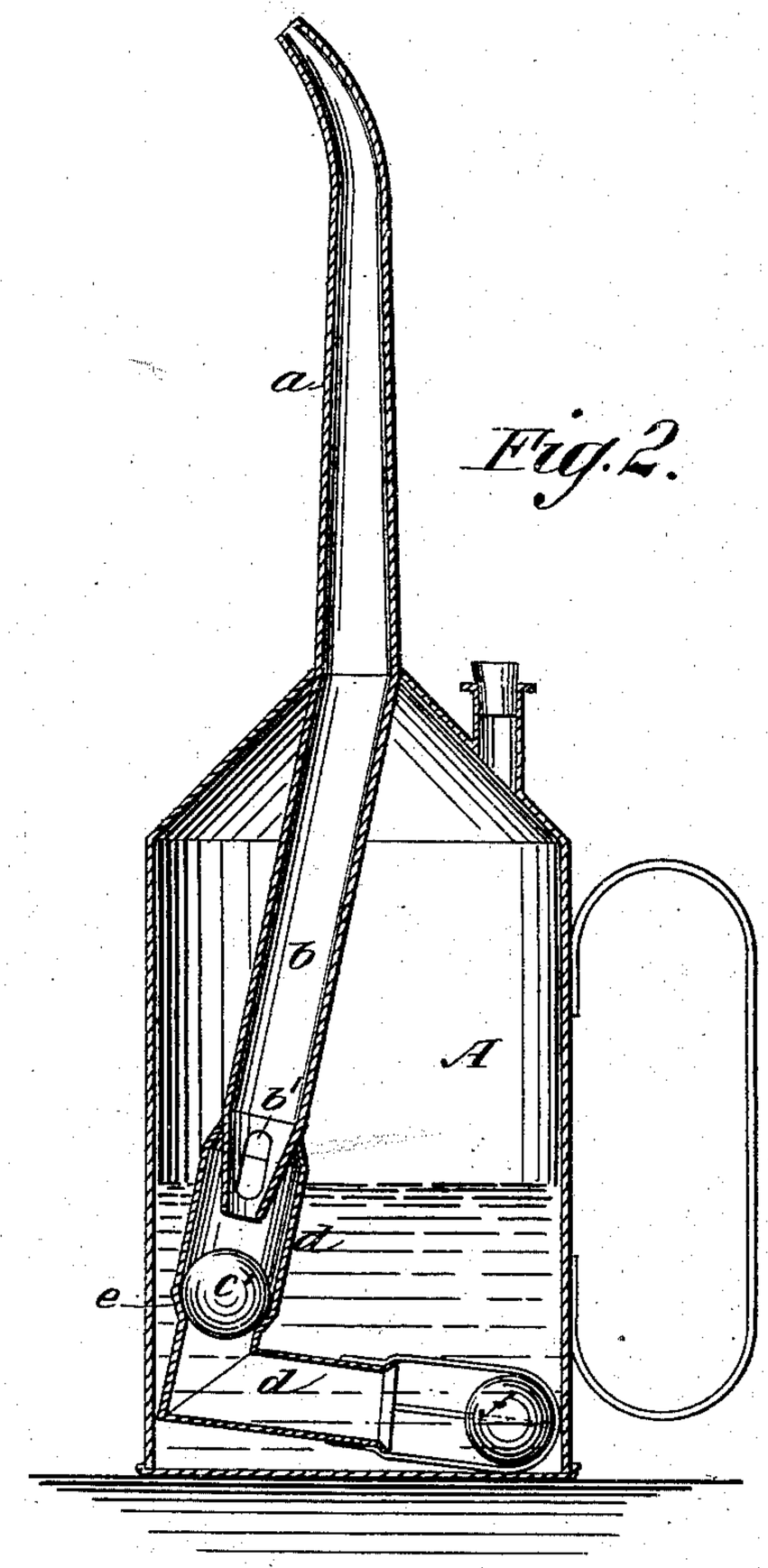


Fig. 2.

WITNESSES:

Francis McArdle

C. Sedgwick

INVENTOR:

T. M. Righter

T. R. Griffith

BY Munn & Co

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

THOMAS M. RIGHTER, OF SANDY RUN, AND THOMAS R. GRIFFITH, OF WILKES-BARRÉ, PENNSYLVANIA.

## OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 252,519, dated January 17, 1882.

Application filed November 16, 1881. (No model.)

*To all whom it may concern:*

Be it known that we, THOMAS M. RIGHTER, of Sandy Run, in the county of Luzerne and State of Pennsylvania, and THOMAS R. GRIFFITH, of Wilkes-Barré, in the county of Luzerne and State of Pennsylvania, have invented a new and useful Improvement in Oil-Cans, of which the following is a full, clear, and exact description.

Our invention relates to cans for use in oiling machinery, and has for its object to prevent accidental or careless waste of oil.

The invention consists in devices combined with a can for insuring a regulated and limited discharge of oil when the can is turned to the oiling position, as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a sectional elevation of an oil-can containing our invention in its simplest form, and Fig. 2 is a section of a can containing the improvements in modified form.

A is a can having nozzle or spout *a*, as usual. Within the can is a tube, *b*, extending from the lower end of nozzle *a*, connected to form a continuation thereof, and terminating near the bottom of the can. The end of tube *b* is formed with a bell-mouth as a seat for a ball-valve, *c*, which rests on the bottom when the can is upright. It will be understood that the oil, being free to enter the tube *b*, will stand in the tube at the same level as the outside. When the can is turned over to the oiling position or is upset the valve *c* will fall by gravity onto the end of tube *b*, thereby preventing inlet of oil, and only the oil previously contained in the tube will run out of nozzle *a*.

The ball-valve may be contained in a cage, if desired, that construction being preferable with cans having nozzles projecting from the bottom.

The modified construction shown in Fig. 2 is for the purpose of securing a regulated and uniform discharge of oil, whatever the height of oil in the can may be. In this case the tube *b* terminates somewhat short of the bottom, where it is provided with side openings, *b'*, and has connected to its end a bent tube, *d*, extending on the can bottom. The tube *d* is enlarged at its connection to tube *b* to contain a valve, *c'*, which is free to move between the end of tube *b* and its seat *e*. The outer end of tube *d* is fitted as a seat for a valve, *f*, that is confined in a cage. In the upright position of the can valve *c'* rests on its seat, and valve *f* is free from the end of tube *d*, so that the oil may enter and fill the lower tube up to the valve *c'*. When the can is tipped valve *c'* moves off its seat, and valve *f* moves to and closes the end of tube *d*, so that the oil in the latter tube will enter tube *b* and be discharged, while the valve *f* prevents entrance of oil to tube *d*. It will be seen that the same amount of oil is discharged every time the can is tipped, whatever the depth of oil in the can is.

By this invention waste of oil by carelessness and accident is prevented.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. The combination, with an oil-can, of the discharge tube or nozzle extended down into the can, nearly to the bottom of the same, and provided with a bell-shaped mouth at its lower end and a ball-valve for closing the said lower end when the can is turned from an upright position, substantially as herein shown and described.

2. The discharge-tube *b*, tube *d*, valve *c'*, and valve *f*, combined with oil can A, substantially as and for the purposes set forth.

THOMAS MCNAIR RIGHTER.
THOMAS R. GRIFFITH.

Witnesses as to the signature of Thomas M. Righter:

PARKER PRICE,
WALTER LEISENRING.

Witnesses as to the signature of Thomas R. Griffith:

CHAS. S. STRUTKERS,
GEO. M. NAGLE.