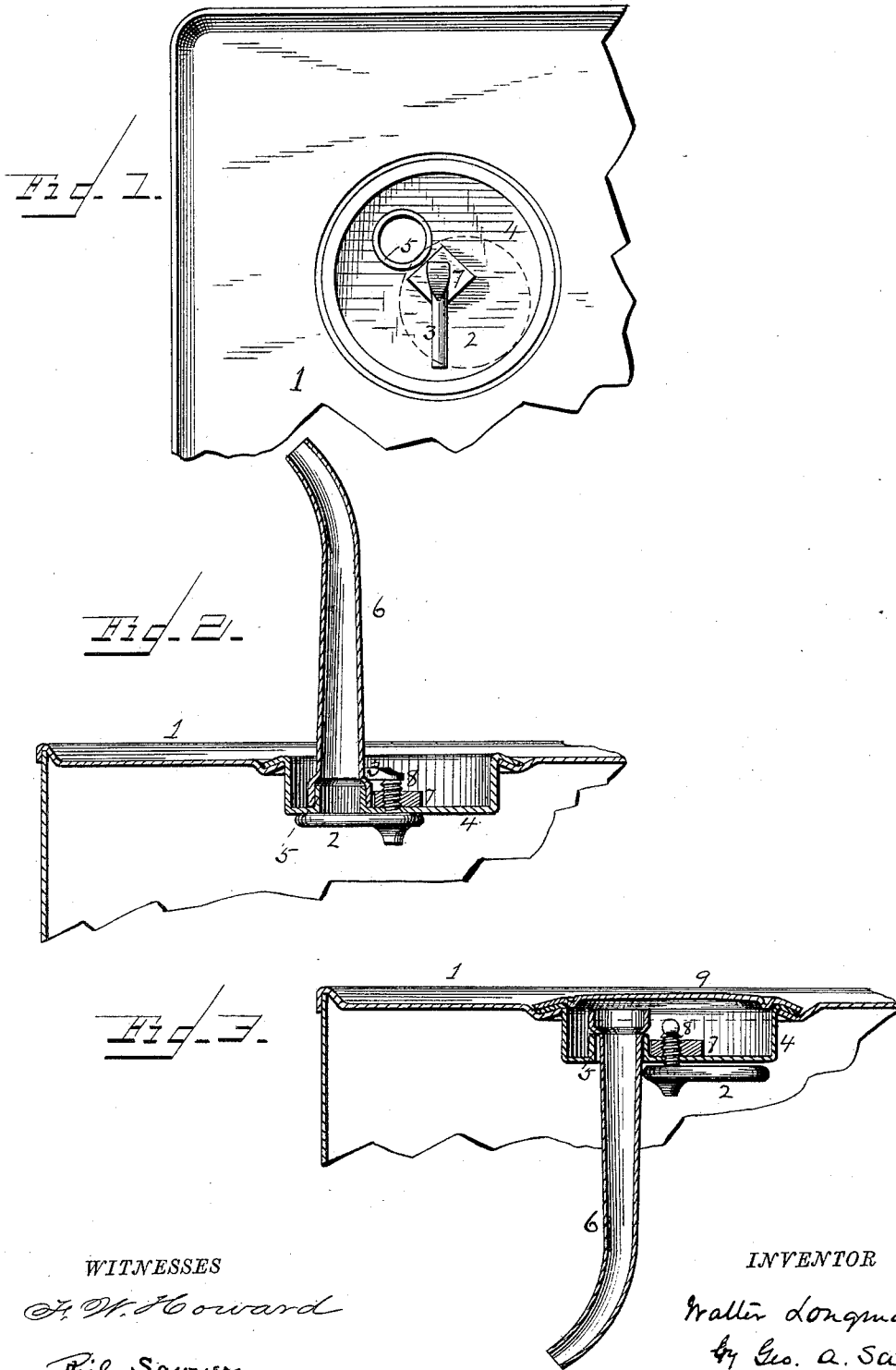


(No Model.)

W. LONGMAN.
SEALED CAP AND FAUCET.

No. 339,198.

Patented Apr. 6, 1886.



WITNESSES

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WALTER LONGMAN, OF BROOKLYN, NEW YORK.

SEALED CAP AND FAUCET.

SPECIFICATION forming part of Letters Patent No. 339,198, dated April 6, 1886.

Application filed January 22, 1886. Serial No. 189,412. (No model.)

To all whom it may concern:

Be it known that I, WALTER LONGMAN, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Sealed Caps and Faucets; 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.

The object of my invention is to furnish a cheap, simple, and efficient faucet, spout, and sealed cap for oil-cans, thus enabling the can to be hermetically closed for transportation, and yet conveniently arranged for access and use by the consumer.

In the drawings, Figure 1 represents a plan; Fig. 2, a sectional elevation with the sealed cap removed, the spout on, and the faucet closed; Fig. 3, a sectional elevation with the sealed cap on, the faucet open, and the spout turned inward, the can being ready for transportation.

Like numbers indicate similar parts in each figure.

1 is the can, of the usual cubical form. Near one of the corners of the head a circular piece is cut out of suitable size to receive the cylindrical body of the cup 4, the flange on its upper edge retaining it in place. The object of this cup is to depress the external working parts of faucet and spout socket below the level of the can, so that when it is sealed up, as shown in Fig. 3, it may exactly fit into the usual wooden packing-case, which only requires to be as large as the body of the can and no larger. The cup is perforated and a rim soldered in, as at 5, to receive the spout 6. A nut is soldered on the bottom of the cup, a screw, 8, provided with a coarse thread, penetrates the nut, a handle, 3, is fitted to its outer end, and a gate, 2, beneath the bottom of the cup within the can. This gate may be filled with cork or similar substance to make a tighter joint.

The object of the coarse thread on the screw is this: When the handle is turned to close the faucet, the considerable pitch of the screw

forces the gate so tightly against the spout-opening as to effectually close the orifice against the passage of even so volatile a fluid as kerosene-oil, and, vice versa, the contrary movement of the handle quickly relieves the gate from contact with the cup-bottom, and permits its passage free from friction or chafe, and the entire movement from open to shut requires but half a revolution of the operating-handle. It is, in fact, so adjusted that but one-half a revolution of the arm is possible, as turned in one direction it tightly closes the spout-opening, as in Fig. 2, and turned in the other direction it just carries the gate clear of the opening and permits the spout to be inverted, as in Fig. 3.

A thin tin cap, 9, of just the same diameter as the flange of the cup 4, is placed over the cup, as in Fig. 3, and at one operation the cup and cap are soldered in place, the spout having been previously inverted, as shown. The can is now ready for boxing and transportation. When it goes into the consumer's hands, a knife is passed around the thin cap and the central portion removed, the spout withdrawn and reversed, and the faucet closed to prevent evaporation.

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

1. A combined faucet, spout, and sealed cap for oil-cans, the faucet consisting of the coarse-threaded screw, with internal gate and external operating-handle, adapted to open and close the orifice with but one-half a revolution of the handle, the reversible spout and the soldered cap, the movable parts adapted to be placed in a cup beneath the cap, flush with the top of the can, and the cup and cap adapted to be soldered to the can-body at one operation, substantially as described.

2. The combination of the flush faucet 3 7 8 2, the cup 4, the reversible spout 6, the rim 5, and the sealed cap 9, substantially as described.

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

WALTER LONGMAN.

Witnesses:

LOUIS F. REIS,
LOUIS M. GRANT.