(No Model.)

C. HARRIS & A. T. GOODSELL.

BOTTLE WASHER.

No. 466,680. Patented Jan. 5, 1892.

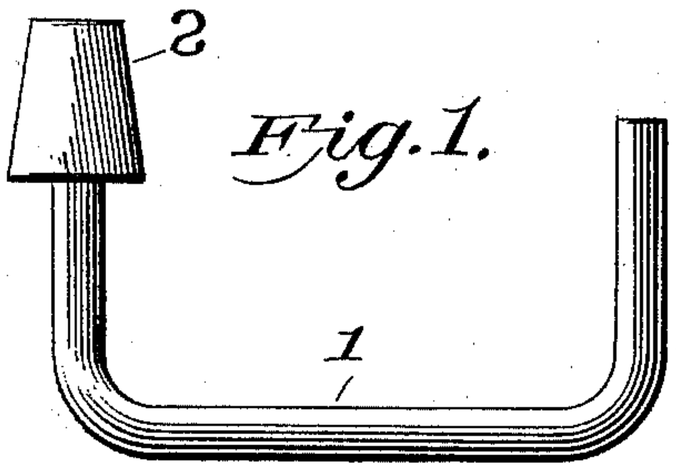


Fig. 1.

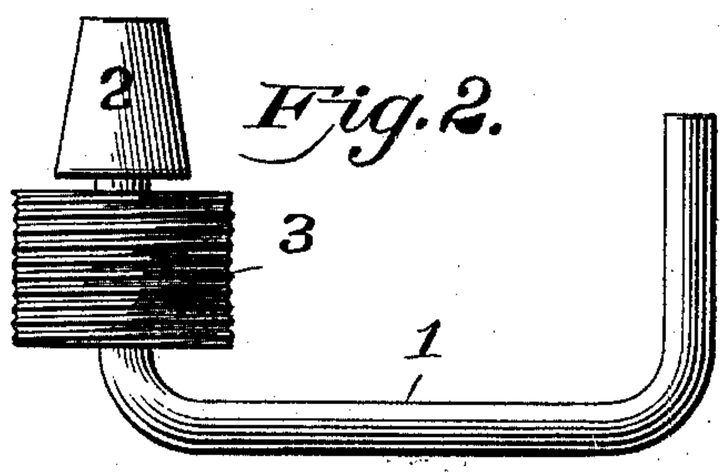


Fig. 2.

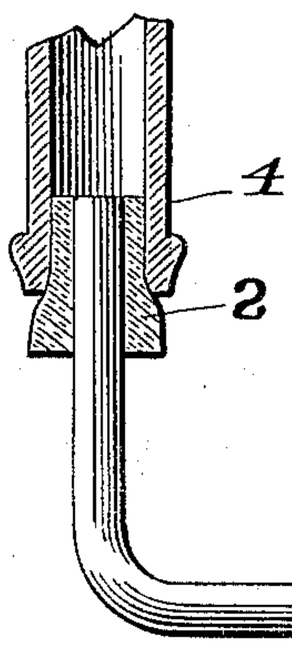
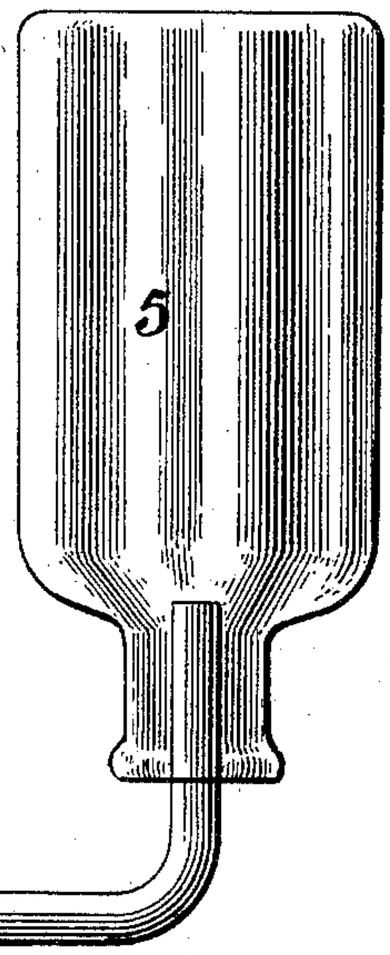


Fig. 3.



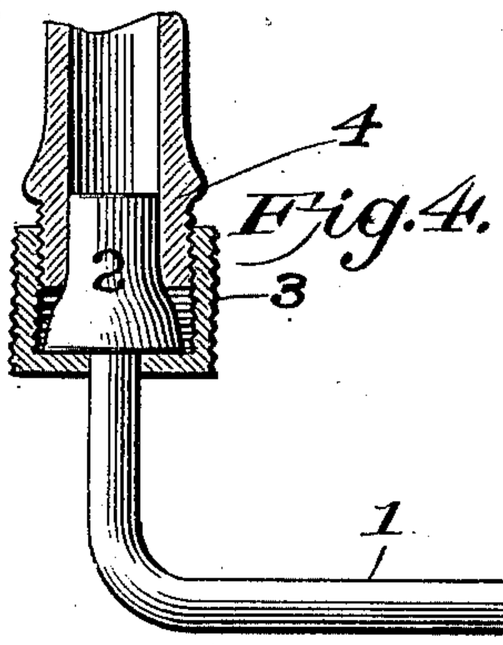


Fig. 4.

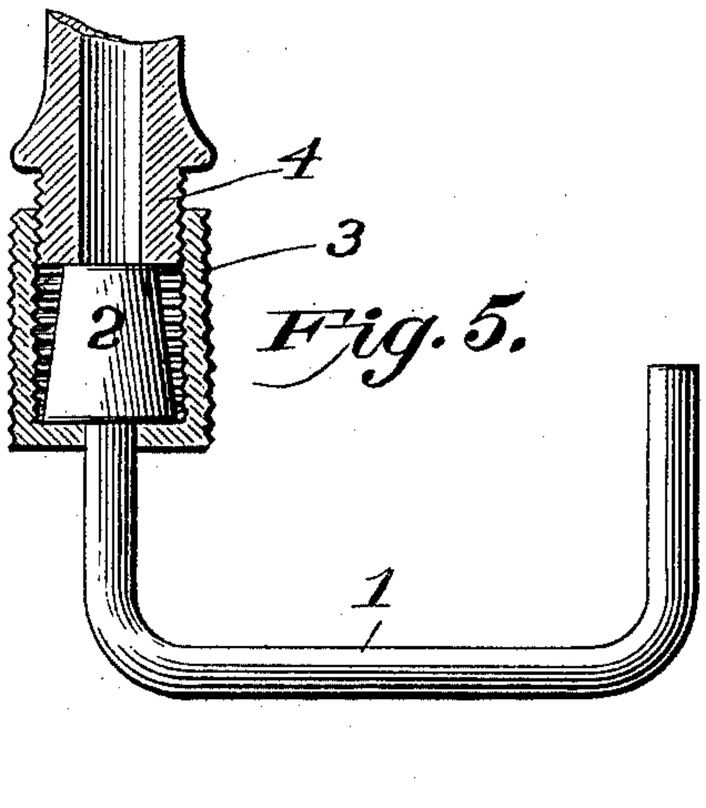


Fig. 5.

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CHARLES HARRIS AND ALFRED T. GOODSELL, OF BRIDGEPORT, CONNECTICUT.

BOTTLE-WASHER.

SPECIFICATION forming part of Letters Patent No. 466,680, dated January 5, 1892.

Application filed July 8, 1891. Serial No. 398,796. (No model.)

To all whom it may concern:

Be it known that we, CHARLES HARRIS and ALFRED T. GOODSELL, both citizens of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Bottle-Washing Attachments for Faucets; and we 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.

Our invention relates to certain new and useful improvements in attachments to faucets or stop-cocks for the purpose of washing bottles, and has for its object to provide a device of this description which may be readily attached to or detached from an ordinary water-cock and whose action shall be effective.

In the accompanying drawings, Figure 1 is an elevation of our improvement without the coupling-sleeve; Fig. 2, a similar view, but with the coupling-sleeve in proper position; Fig. 3, an elevation showing our improvement applied to a stop-cock without a coupling-thread, the sleeve in this case being of course omitted; Fig. 4, an elevation illustrating our improvement applied to a stop-cock having a coupling-thread; and Fig. 5, a view similar to Fig. 4, but showing a slightly different way of applying our improvement.

Similar numbers of reference denote like parts in the several figures of the drawings.

1 is a tube the extremities whereof are bent so as to extend in the same direction. Around one end of the tube is a plug 2, of any suitable packing material, as rubber, cork, &c., preferably tapering in form, so as to be readily inserted within a faucet or stop-cock after the manner of an ordinary cork.

3 is a threaded coupling-sleeve loosely assembled around the tube below the plug 2.

4 is the nose of the stop-cock. The threaded sleeve is adapted to the threaded nose of a stop-cock after the manner of an ordinary nut.

In applying our improvement to a stop-cock whose nose is not threaded the plug 2 is simply forced within the latter, as shown at Fig. 3, thereby securing the tube so that a bottle 5 may be placed over the free end of said tube for the purpose of washing. Ordinary stop-cocks, however, are generally provided with a threaded nose, and in this instance the plug is inserted within said nose and the sleeve then driven on the latter until the plug is firmly seated within the nose, as shown at Fig. 4. In case the nose of the stop-cock is too small to contain the plug, the latter is simply abutted against the nose and secured in this position by the threaded sleeve, as shown in Fig. 5.

Our improvement affords a very simple attachment to a stop-cock for the purpose of washing bottles, and is equally as effective as the larger and more expensive apparatus commonly used.

We claim—

1. A bottle-washing attachment for stop-cocks, comprising a rigid U-shaped tube, one end whereof is provided with a packing-plug adapted to be connected with the stop-cock, the other end affording a means for properly supporting the bottle during washing, substantially as set forth.

2. In a bottle-washing attachment for stop-cocks having a threaded nose, the combination of said nose with a U-shaped tube having at one end a packing-plug, and the threaded sleeve loosely assembled around said tube below the plug and adapted to engage with the threaded nose, whereby said plug is firmly held against the latter, substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

CHARLES HARRIS.
ALFRED T. GOODSELL.

Witnesses:
F. W. SMITH, Jr.,
J. S. FINCH.