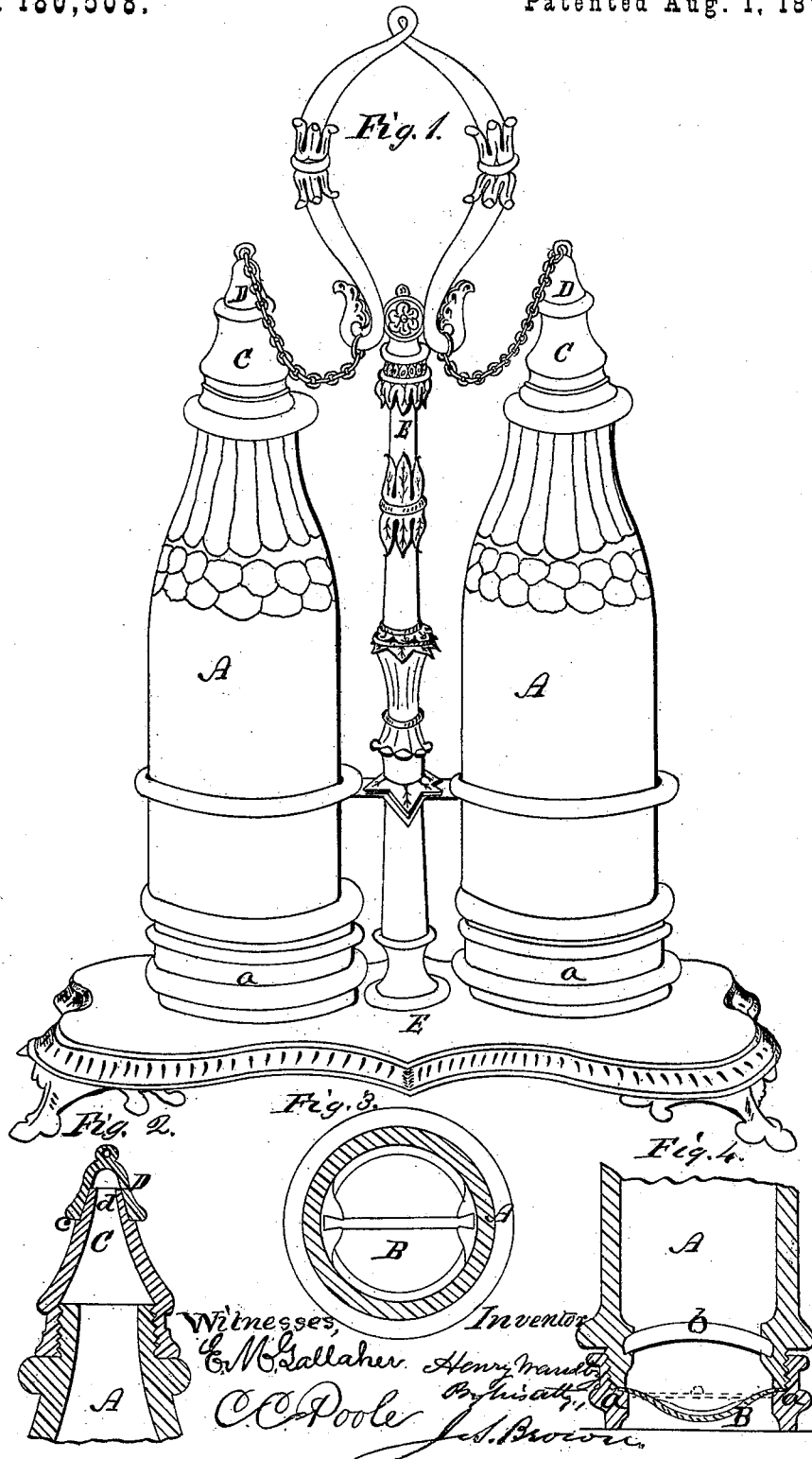


H. WAUDBY.  
CASTER BOTTLES.

No. 180,508.

Patented Aug. 1, 1876.



# UNITED STATES PATENT OFFICE.

HENRY WAUDBY, OF TORONTO, ONTARIO, CANADA.

## IMPROVEMENT IN CASTER-BOTTLES.

Specification forming part of Letters Patent No. **180,508**, dated August 1, 1876; application filed April 16, 1874.

*To all whom it may concern:*

Be it known that I, HENRY WAUDBY, of the city of Toronto, in the county of York and Province of Ontario, Canada, have invented an Improved Mustard or Ketchup Bottle for Casters; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

Figure 1 being a view in perspective of mustard or ketchup bottles provided with my improvements as arranged upon a stand or casters; Fig. 2, a central vertical section of the upper end of the bottle; Fig. 3, a horizontal section of the bottle, looking downward; Fig. 4, a central vertical section of the lower end of the bottle.

Like letters designate corresponding parts in all of the figures.

The nature of my invention consists in the combination, with a caster-bottle, A, having a flexible non-metallic bottom, B, of a cross-bar, *b*, situated a short distance above the said flexible bottom, to limit its inward movement, and in a screw cap or ring, *a*, for securing the said flexible bottom to the bottle securely and tightly, so that it can be readily removed and replaced for any purpose, substantially as hereinafter specified.

The bottle A is made of glass or other suitable material, and of the ordinary form, but without a bottom of that material. To form a bottom a disk, B, of prepared india-rubber, or equivalent flexible material, is placed upon the lower open end of the bottle, and is secured there by screwing a metallic ring, *a*, upon the bottle, as represented in Fig. 4, the said ring forming the base of the bottle. A bar, *b*, is, or may be, inserted across the inside of the bottle a little above the flexible bottom, to limit the extent to which the said bottom

may be pressed inward. Thus, when the bottle is supplied with the mustard or ketchup, the flexible bottom is caused to curve downward somewhat, as shown in Fig. 4; but when it is desired to discharge some of the contents of the bottle it is suitably inverted, and then, by pressing the flexible bottom inward, as much of the mustard or ketchup as is required is immediately forced out of the bottle.

A cover, C, of metal or other suitable material, is fitted tight upon the upper end of the bottle by screw-threads, as shown in Fig. 2, or otherwise. This cover terminates in a narrow spout or conical orifice, *d*, as shown, through which sufficient of the contents of the bottle can be quickly forced by pressing upon the flexible bottom B, while there is little opportunity to admit the circulation of atmospheric air into and within the bottle. A cap, D, fits easily, but closely, upon the upper tapering end of the cover, as represented. The lower edge of this cap rests on a shoulder, *e*, on the outer periphery of the cover C, as shown in Fig. 2. For convenience, and to prevent losing the cap, it is secured by a short chain to the stand or casters E.

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

1. The combination, with a flexible non-metallic bottom, B, applied to a caster-bottle, of a cross-bar, *b*, arranged substantially as and for the purpose herein specified.

2. The combination, with a caster-bottle, A, and flexible non-metallic bottom, B, of a screw cap or ring, *a*, substantially as and for the purpose herein specified.

HENRY WAUDBY.

Witnesses:

HENRY WETENHALL,  
A. CHRISTIE.