(No Model.)

E. S. WEBSTER & W. H. HOEGEE.

ADJUSTABLE HOLDER AND TILTER FOR CANS, BOTTLES, OR OTHER RECEPTACLES.

No. 600,464. Patented Mar. 8, 1898.

Fig. 1.

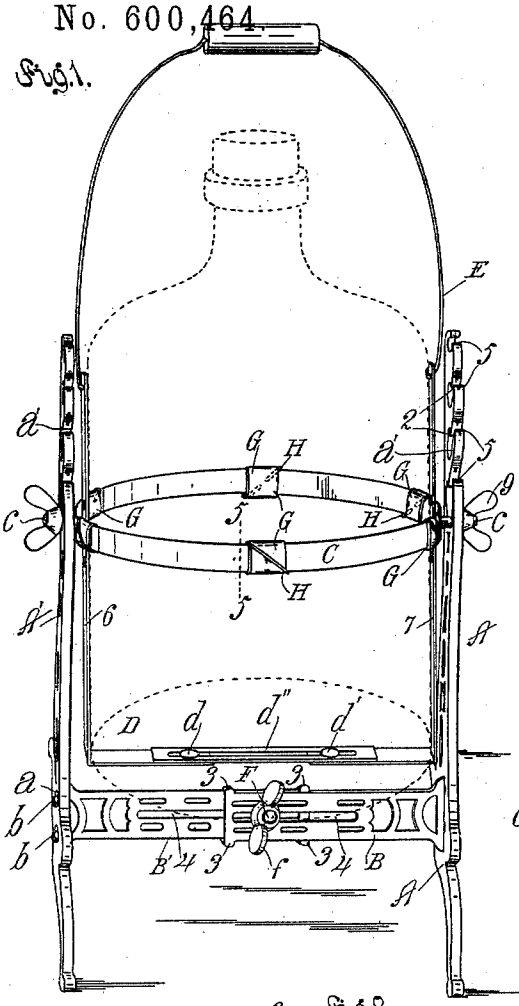


Fig. 2.

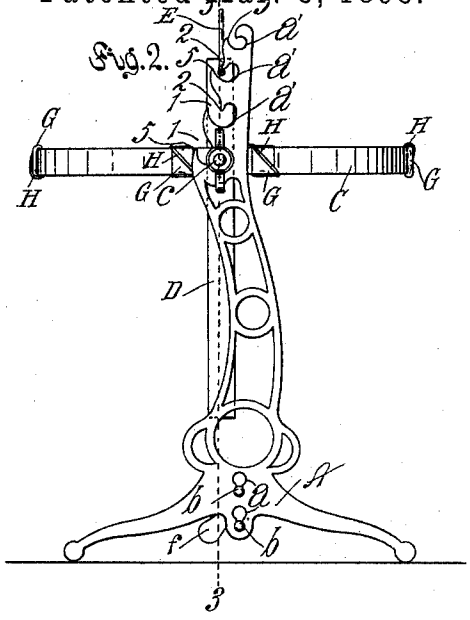


Fig. 3.

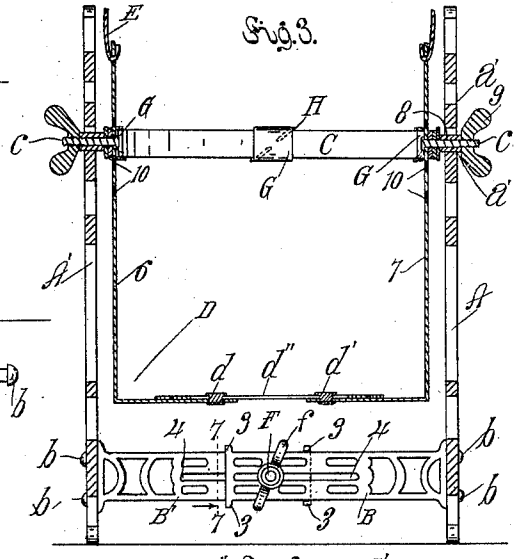


Fig. 8.

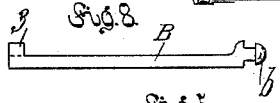


Fig. 4.

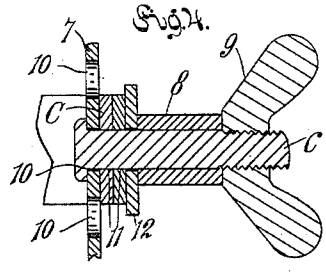


Fig. 5.

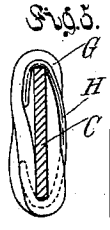


Fig. 6.

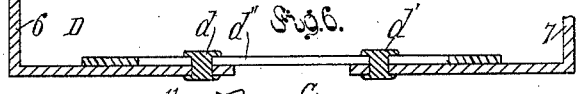


Fig. 7.

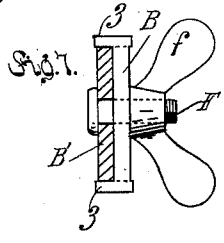
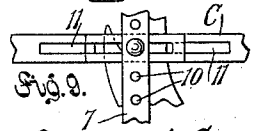


Fig. 9.



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UNITED STATES PATENT OFFICE.

ERNEST SAMUEL WEBSTER AND WILLIAM HENRY HOEGEE, OF LOS ANGELES, CALIFORNIA.

ADJUSTABLE HOLDER AND TILTER FOR CANS, BOTTLES, OR OTHER RECEPTACLES.

SPECIFICATION forming part of Letters Patent No. 600,464, dated March 8, 1898.

Application filed August 11, 1897. Serial No. 647,902. (No model.)

To all whom it may concern:

Be it known that we, ERNEST SAMUEL WEBSTER and WILLIAM HENRY HOEGEE, citizens of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Adjustable Holder and Tilter for Cans, Bottles, or other Receptacles, of which the following is a specification.

One object of our invention is to provide a convenient adjustable tilting holder for large water-bottles or like receptacles from which liquids are to be poured from time to time.

This invention is more particularly designed for bottles used for delivering distilled, mineral, and other waters for drinking purposes. It is customary to deliver such water to consumers in large bottles or carboys, and the consumer draws the water from the bottle from time to time as required, and when emptied the bottle will be replaced by a full one. The bottles, while approximately the same size, are not exactly so, and one object of our invention is to provide for such bottles a holder and tilter which can be adjusted to fit each bottle tightly and hold it securely; also, to provide a stand which can be lifted and carried from place to place with great convenience and which will also allow the bottle to be lifted from the stand and to be carried to and from the delivery-wagon or other places at the pleasure of the attendant.

The invention can be used for square cans as well as round, and provides a very convenient stand for square kerosene and gasolene cans; but it is to be understood that for such cans the ring will not be round, as shown in the drawings, but will be rectangular in form to fit the can.

One of the objects of this invention is to hold the bottle firmly in the ring without danger of breaking, and for this purpose we have provided buffers or cushions on the ring to hold the bottle.

The accompanying drawings illustrate our invention.

Figure 1 is a perspective view of our newly-invented holder in position to receive a bottle. Dotted lines indicate the bottle in place. Fig. 2 is a side elevation of the holder, a portion of the bail being broken away to contract the view. Fig. 3 is a vertical section on line 3 3, Fig. 2. Fig. 4 is a sectional detail, on an enlarged scale, showing the clamp and pivot for the nest which holds the bottle. Fig. 5 is a section on line 5 5, Fig. 1, looking in the direction of the arrow and showing the buffer or cushion. Fig. 6 is a fragmental sectional detail showing the lower portion of the stirrup. Fig. 7 is a section on line 7 7, Fig. 3, looking in the direction of the arrow. Fig. 8 is a view of one of the connecting-arms. Fig. 9 is a fragmental detail looking at the inner side of the extensible joint of the ring.

A A′ indicate two side standards, each provided with one or more lug-seats *a* at the lower end and with one or more pivot-seats *a′* at the upper end.

B B′ indicate two telescoping arms adjustably connected together and provided with retaining-lugs *b*, seated in said lug-seats *a*.

C is an adjustable ring with laterally-projecting oppositely-arranged pivots *c*, seated in pivot-seats of the standard.

D is an adjustable stirrup the sides of which are fastened to the ring at the pivotal points thereof and project below the ring to hold the bottle or other receptacle and above the ring to hold the bail.

The two standards may be connected by any suitable connection at the base; but an adjustable connection is preferable in order to accommodate different-sized bottles without requring too great play of the pivots in the pivot-seats, and the connecting-arms are preferably detachable, so that the stand is so constructed that the stand may be taken apart for convenient packing for storage or shipment. Each side standard is provided at its top with one or more pivot-seats, comprising notches 1 in the sides of the standards, with overhanging hooks 2 respectively projecting down into the notches, respectively, between the edge of the standard and a vertical line drawn from the axis of the pivot-seat. Preferably the upper ends of the standards are each provided with a plurality of these notches at one edge, arranged slightly inclined from the vertical and with a depending hook above each of the notches.

5 5 indicate the lips of the notches, which form the pivot-seats. These lips of the notches

of the two standards are in a plane inclined from a vertical, so that when the attendant, when holding by the bail the nest or frame formed by the ring C and the stirrup D, wishes to place the same with its pivots in any particular seat he can let the nest down and bring the pivots over the lips of the particular pivot-seats in which the pivots are to be seated, and the pivots will thus be caught by said lips and directed down into the seat. When it is desired to lift the nest and the stand also, the attendant will lift vertically on the bail and thus bring the pivots up behind the hooks 2, so that the stand will be carried by the pivots. The nest or bottle-holding frame is preferably adjustable, and for this purpose the ring is formed of a band with ends lapped together and clamped, and the stirrup, which is fastened to it, depends from the ring at the lap and at the point on the ring opposite thereto. This stirrup is laterally extensible, as indicated at *d d' d''*. The members 6 7 of the stirrup are each formed of a bent strap. *d''* indicates a slotted connecting-strap riveted by rivet *d* to one of the members and fastened to the other member by a rivet or headed lug *d'*, which plays in the slot of the connecting-strap *d''*.

The ring and stirrup C, which forms the bottle-holding nest, are connected together and have laterally-projecting oppositely-arranged pivots *c* to seat in the pivot-seats, and a bail E is fastened to the nest for lifting the same. The bail is fastened to the upper ends of the straps which form the stirrup.

The retaining-lugs *b* of the connecting-arms are provided with heads, and the lug-bearings *a* are enlarged at the upper end to admit the head to bring the neck into the smaller portion of the seat *a*, so that when the lugs are seated in their seats they hold the arm or connection B B' rigid with relation to the standard. The connecting-arms are lapped together and each provided at the edges with one or more laterally-projecting lugs 3 to clasp the edges of the other arm. The connecting-arms are also each provided with a longitudinal slot 4. F is a clamp-screw passed through the slots and secured by a nut *f* to clamp the arms together. This construction makes a frame or stand which can readily be taken to pieces and set up again and which is rigid when set up and can be adjusted to different widths between the standards. The two standards are duplicates of each other, and the two connecting-arms are also duplicates of each other, so that the stand is cheaply and easily made.

G indicates a yielding sleeve on the ring, and H a diagonally-arranged spring-clasp extending outside the sleeve on the outer side of the ring and between the sleeve and ring on the inner side of the ring. Preferably the clasp H is an open wire link, and the free ends of the link are preferably inserted within the yielding sleeve G, while the intermediate portion between the bends of the link is arranged on the outside of the sleeve, extending from one corner diagonally across to the other corner. Sufficient resiliency is given to the clasps to hold the buffer-sleeve firmly in place on the ring, and the free ends form springs to press the sleeve against the bottle. The sleeve is preferably made of gutta-percha, but may be made of any suitable material.

The clamp which clamps the lapped ends of the band together to form the ring is formed of one of the pivot-screws *c*, the pivot-sleeve 8, and the nut 9. The pivot-screw *c* is passed through one of the holes 10, which are provided in the stirrup for that purpose, and passes through the slots 11 of the band and through a bur 12 and the sleeve 8, and the nut 9 is screwed firmly against the sleeve, which presses against the bur and draws the lapped ends of the band tightly together, so as to prevent any slipping. When it is desired to adjust the ring to fit a bottle, the bottle is first inserted in the nest. Then the nut 9 is loosened. The ends of the ring are pressed to tighten the band on the bottle, and when tight the nut 9 is screwed into place, thus firmly clamping the whole together and preventing any movement of the ends of the band. The ring can be adjusted to any suitable height on the stirrup by inserting the pivot-screws through the appropriate holes 10 in the stirrup.

Now, having described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination of the side standards each provided with one or more lug-seats at the lower end and with one or more pivot-seats at the upper end; two telescoping arms adjustably connected together and provided with lugs seated in said lug-seats; an adjustable ring with laterally-projecting oppositely-arranged pivots seated in pivot-seats of the standard; and an adjustable stirrup the sides of which are fastened to the ring at the pivotal points thereof.

2. The combination of the stand formed of two standards connected by a suitable connection at the base and provided at their tops with one or more pivot-seats comprising notches in the sides of the standards with overhanging hooks projecting down into the notches respectively between the edge of the standard and a vertical line drawn from the axes of the pivot-seats.

3. The stand composed of two standards, the upper ends of which are provided with notches at one edge arranged slightly inclined from the vertical, and with depending hooks above the notches respectively; and a support composed of a ring and a stirrup connected together and having laterally-projecting oppositely-arranged pivots seated in said pivot-seats and a bail fastened to the nest for lifting the same.

4. The stand comprising two standards with lug-seats therein; two connecting-arms each provided with lugs seated in the lug-

seats of the respective standards and lapped together and each provided with one or more lugs for embracing the other arm, and also provided with longitudinal slots; and a clamp-screw passed through such slots and secured by a nut.

5. The combination of the ring; the yielding sleeve thereon and the diagonally-arranged spring-clasp extending outside the sleeve on the other side of the ring, and between the sleeve and ring on the inner side of the ring.

6. The adjustable nest comprising a ring formed of a band with ends lapped together and clamped, and an extensible stirrup fastened to and depending from the ring at the lap and at the point opposite thereto.

7. The combination of an extensible stand with pivot-seats in the opposite side thereof; an extensible ring; an extensible stirrup with holes in its sides; pivot-sleeves in the pivot-seats respectively; pivot-screws passed through the holes in the stirrups, through the ring and through the pivot-sleeves respectively, and nuts screwed onto the pivot-screws respectively to clamp the sleeves to the ring.

8. A tilting holder for bottles and other receptacles composed of a stand with side standards and pivot-seats in the standards and a receptacle or nest composed of a ring with depending stirrup, lateral pivots seated in the pivot-seats and a bail fastened to the nest.

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