

No. 665,776.

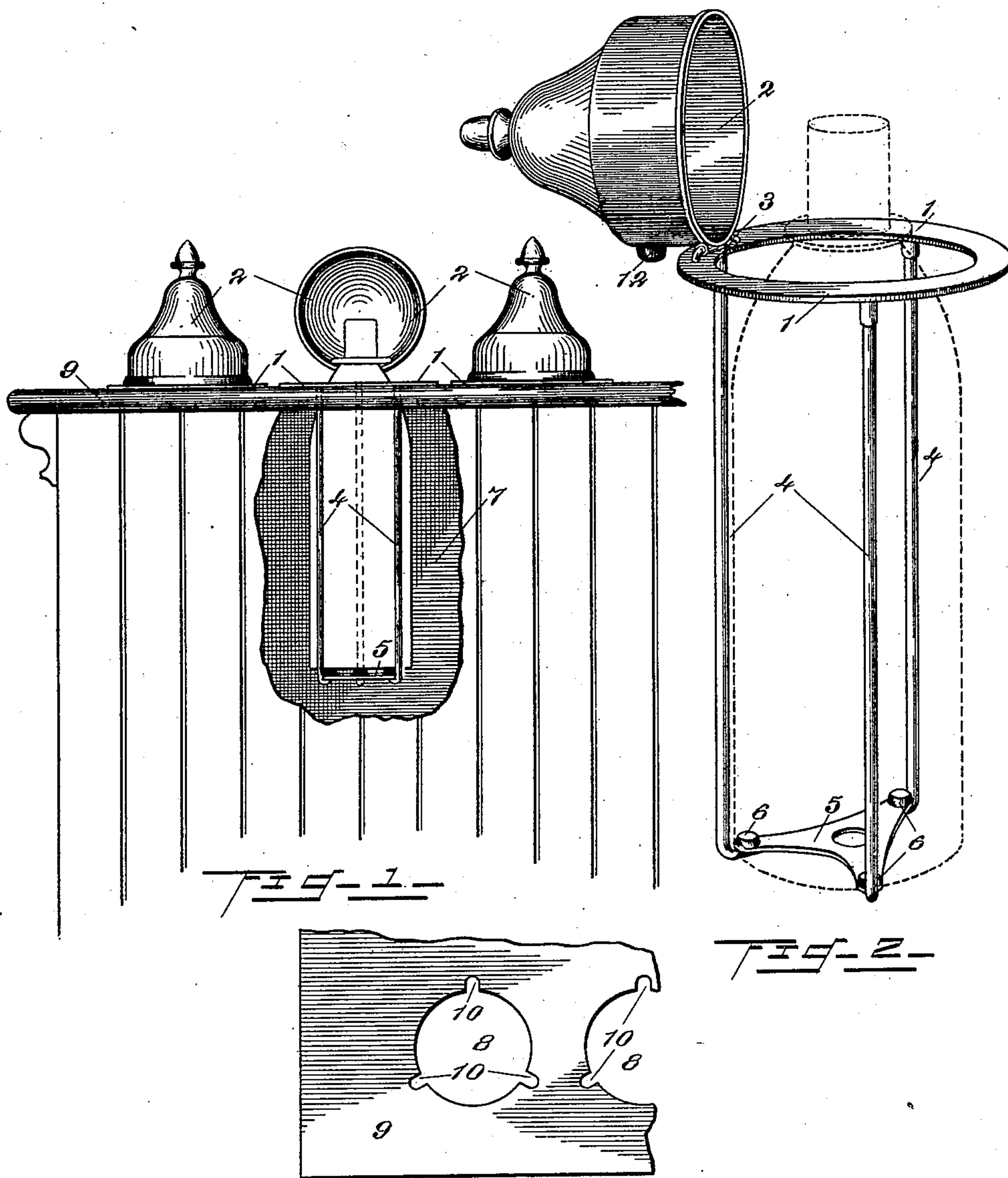
Patented Jan. 8, 1901.

B. FLETCHER.

BOTTLE SUPPORT FOR REFRIGERATING PURPOSES.

(Application filed June 11, 1900.)

(No Model.)



WITNESSES
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UNITED STATES PATENT OFFICE.

BENJAMIN FLETCHER, OF TORONTO, CANADA.

BOTTLE-SUPPORT FOR REFRIGERATING PURPOSES.

SPECIFICATION forming part of Letters Patent No. 665,776, dated January 8, 1901.

Application filed June 11, 1900. Serial No. 19,874. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN FLETCHER, of the city of Toronto, in the county of York, Province of Ontario, Canada, have invented certain new and useful Improvements in Bottle-Supports for Refrigerating Purposes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form part of this specification.

My invention relates particularly to improvements in a support for bottles, preferably for refrigerating purposes; and it consists of a pendent support upheld by the top or cover of the refrigerating-chamber and adapted to receive the bottle and support the same therein with the upper portion of the bottle protruding through the top or cover of the refrigerating-chamber and inclosed by an ornamental dome-like cover.

For convenience and the purpose of illustrating my invention I have shown the bottle-support adapted to a drink-fount. In this instance the bottles or reservoirs will contain syrups or flavors such as are used in dispensing drinks from the soda-fount. The bottles are similar to ordinary bottles as in use for that purpose, with one exception. In this instance on the neck of the bottle is formed a collar or annular flange, which serves as a convenient means for raising the bottle out of the support within the cooling-chamber.

The arrangement of the bottle-supports within the cooling-chamber is that found most convenient, with due respect to the external appearance of the dome-like covers which inclose the openings therein.

The object of my invention is to provide an efficient and durable bottle support or holder easy of access and simple in construction and applicable for numerous purposes, either for cooling or heating the contents contained within the supported bottle.

To such ends the invention consists in the construction and combination of parts hereinafter particularly described and claimed, reference being had to the accompanying drawings, forming part thereof, in which similar figures of reference refer to like parts throughout.

Figure 1 is a view in elevation of a portion

of a soda-fount counter, showing the arrangement of the bottle-supports within the cooling-chamber. Fig. 2 is a view in perspective of the bottle-support and dome-like cover with the bottle indicated by dotted lines, and Fig. 3 is a plan view of a portion of the top or cover of the cooling-chamber which upholds the bottle-support and showing the form of the openings therein.

The bottle-support is preferably entirely composed of metal and consists of an annular flange or ring 1, upon which rests and incloses the opening therein the dome-like cover 2. For the purpose of convenience and to facilitate the removing and replacing of the same the cover 2 is hinged to the annular flange 1 and swings back into the position shown in Fig. 2 on the hinge 3. On the under side of the annular flange 1 are secured a plurality of downwardly-extending side bars or vertical guides 4, which are of an equal length and terminate in and support the base 5.

When using cylindrical bottles or reservoirs, the support is constructed after the manner shown, using, preferably, three vertical guides 4 for upholding the base 5, which is triangular in shape. On the extensions of the triangular base 5 and inside of the vertical guides 4 are secured flexible rubber caps 6, adapted to receive the bottle or reservoir when coming in contact with the base 5, and thereby eliminate all liability of injury through inadvertently lowering or dropping the bottle too rapidly.

The support is inserted within the cooling-chamber 7 by passing through the circular opening 8 in the counter top or cover 9 and upheld by the annular flange 1 and prevented from turning or moving therein by the semicircular indentations or recesses 10 on the periphery of the circular opening 8, through which pass the vertical guides 4 and accomplish the aforesaid.

When the support is inserted within the circular opening 8, with the vertical guides 4 in the recesses 10, it is maintained therein preferably by gravity and is therefore readily removed or replaced.

The cover 2 is ornamental in design, the shape of which is partially controlled by the form of bottle or reservoir it has to cover.

The design is otherwise unimportant. To receive the cover 2 when thrown back and cushion the same when coming in contact with the counter top or cover 9 is a flexible
5 rubber cap 12 on the cover 2, similar to those used on the base 5 and serving the same purpose.

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

1. In combination with a cooling-chamber having in its top an opening or openings having peripheral indentations or recesses extending into the surrounding material a bottle support or supports adapted to rest on the
15 said top and extend down within the said cooling-chamber and provided with vertical rods which engage the said recesses and are guided thereby substantially as set forth.

20 2. In a bottle-support for refrigerating purposes, the combination of a cooling-chamber,

one or more openings in the top of said cooling-chamber, semicircular indentations or recesses in the periphery of said openings, an
25 annular flange encircling the upper edge of said openings and resting on the top of said cooling-chamber, a dome-like cover hinged to said annular flange and covering the opening therein, a plurality of vertical guides
30 pendent from the under side of said flange, a base secured to the lower extremities of said vertical guides, and means for cushioning the bottle or reservoir when coming in contact
35 with said base, substantially as shown and described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

BENJAMIN FLETCHER.

Witnesses:

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