

No. 701,893.

Patented June 10, 1902.

H. B. KENT.

TOP FOR TOOTH POWDER BOTTLES OR CANS OR OTHER CONTAINERS.

(Application filed Mar. 6, 1902.)

(No Model)

Fig. 1.

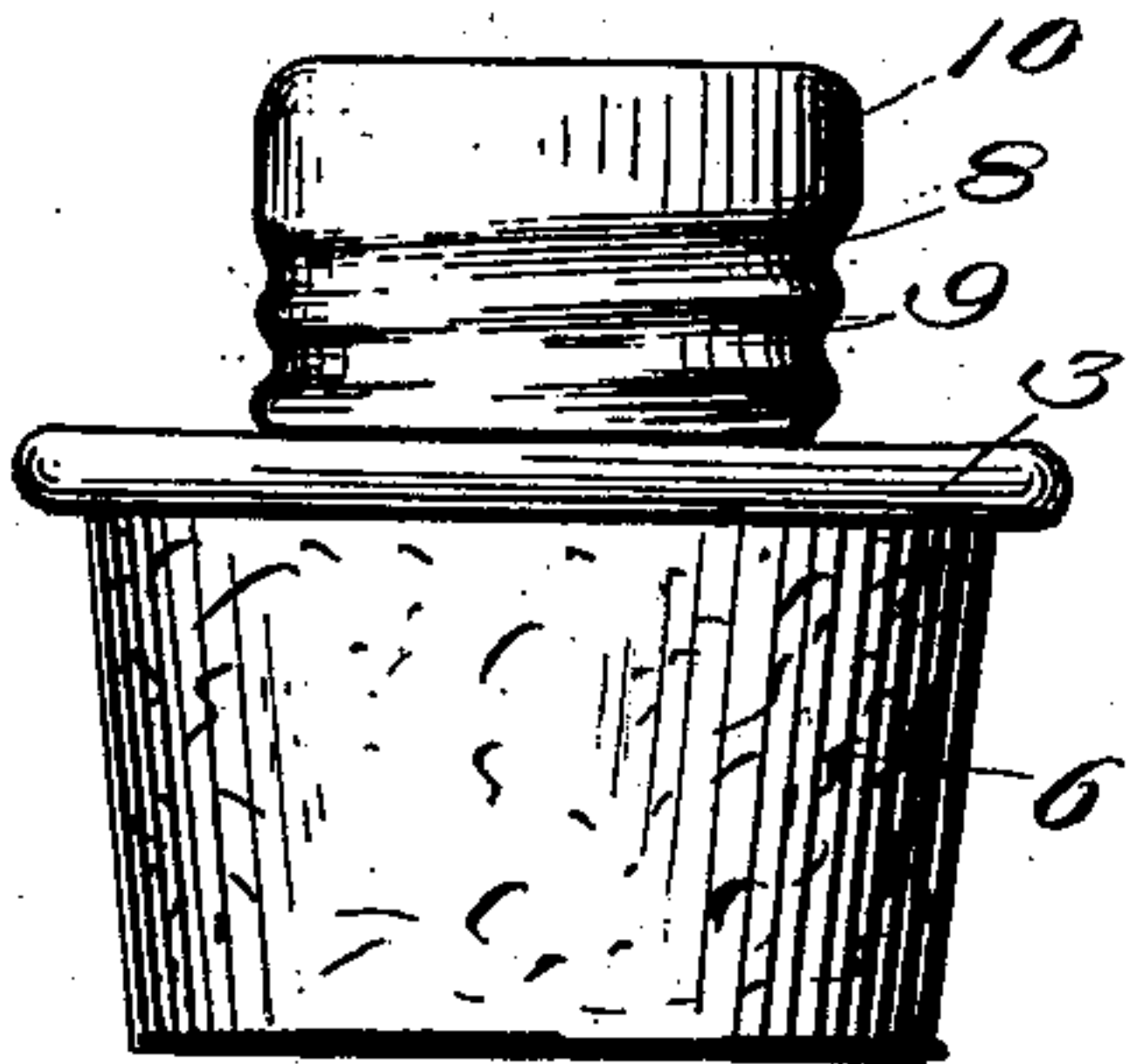


Fig. 2.

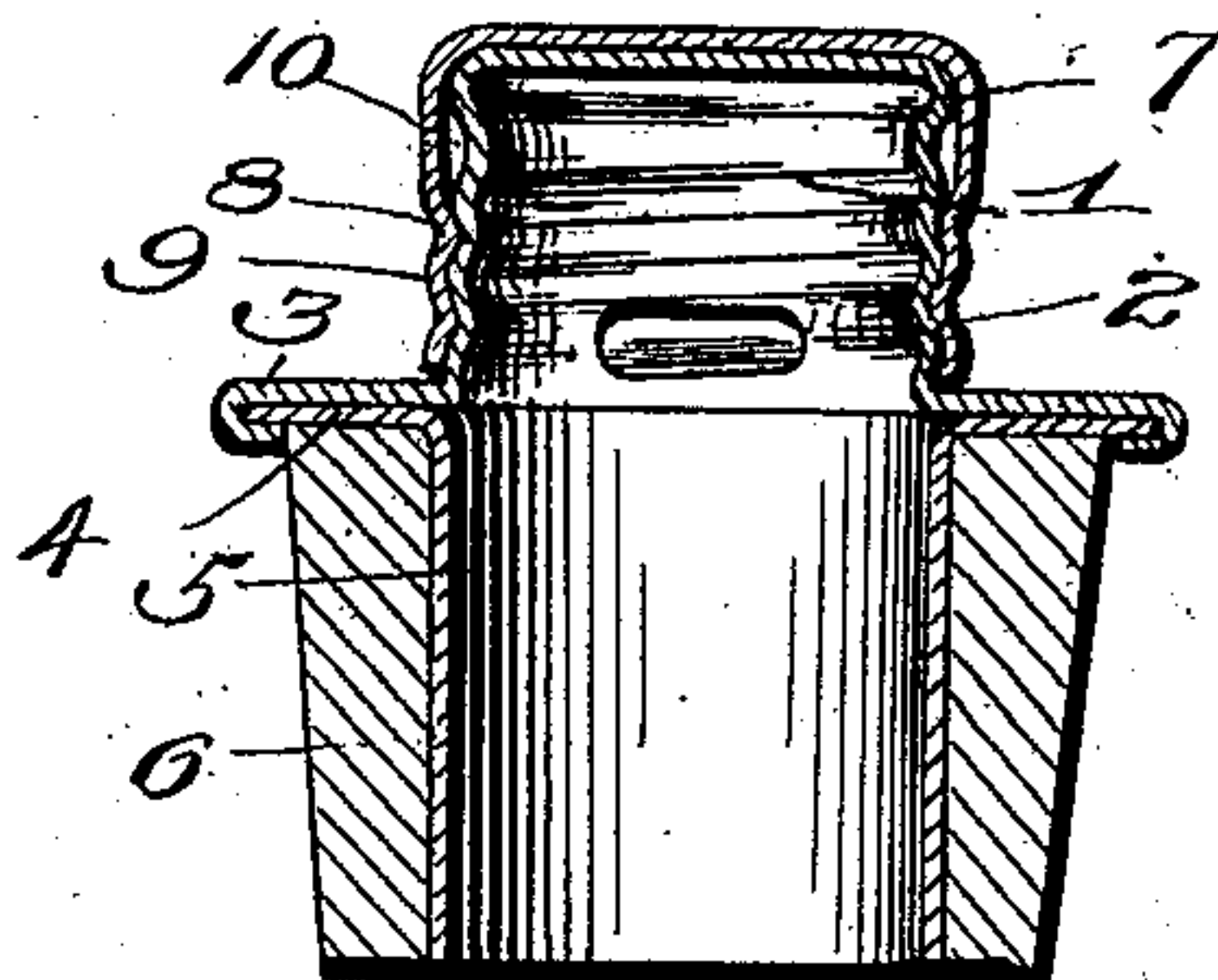


Fig. 3.

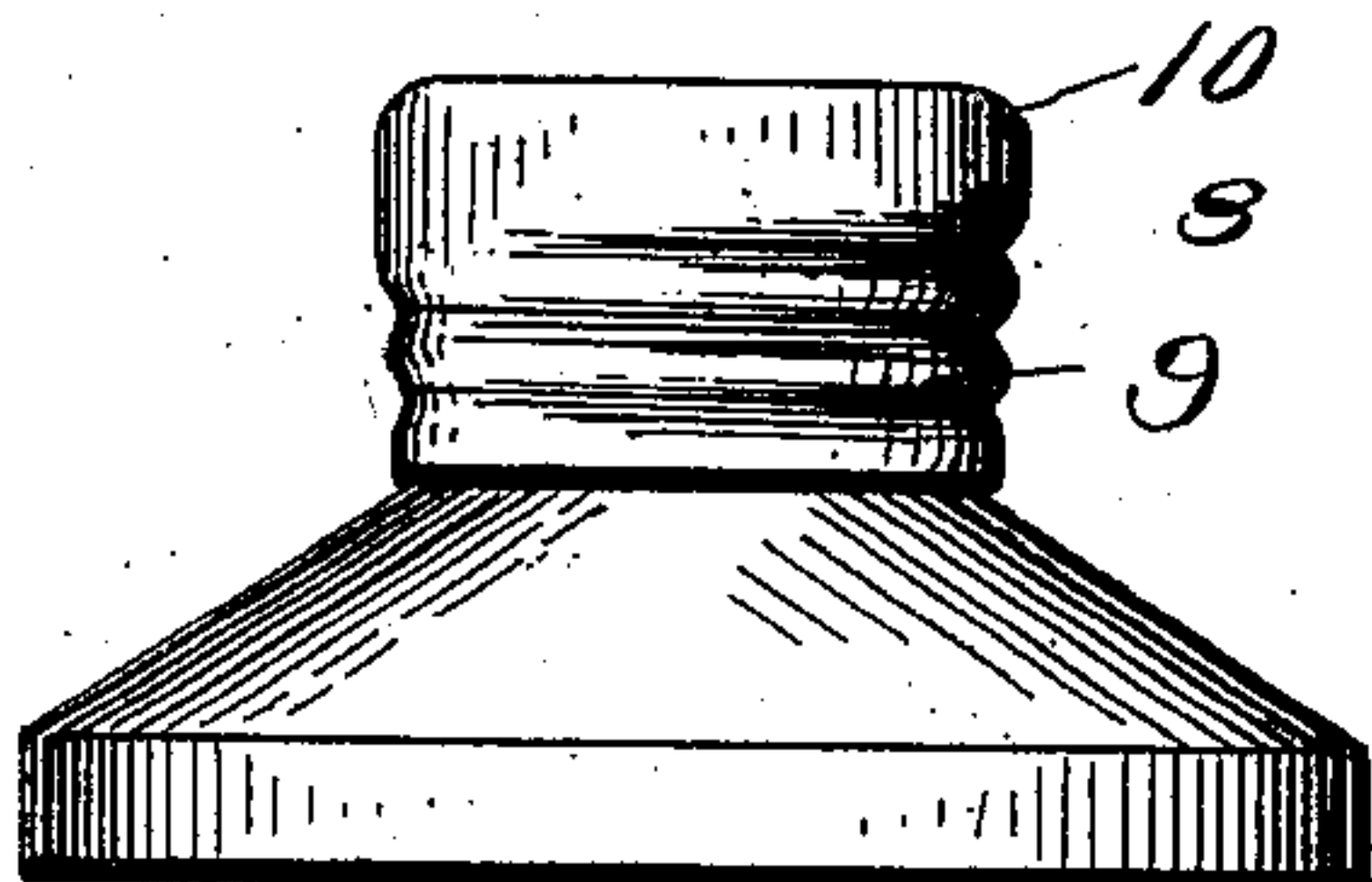
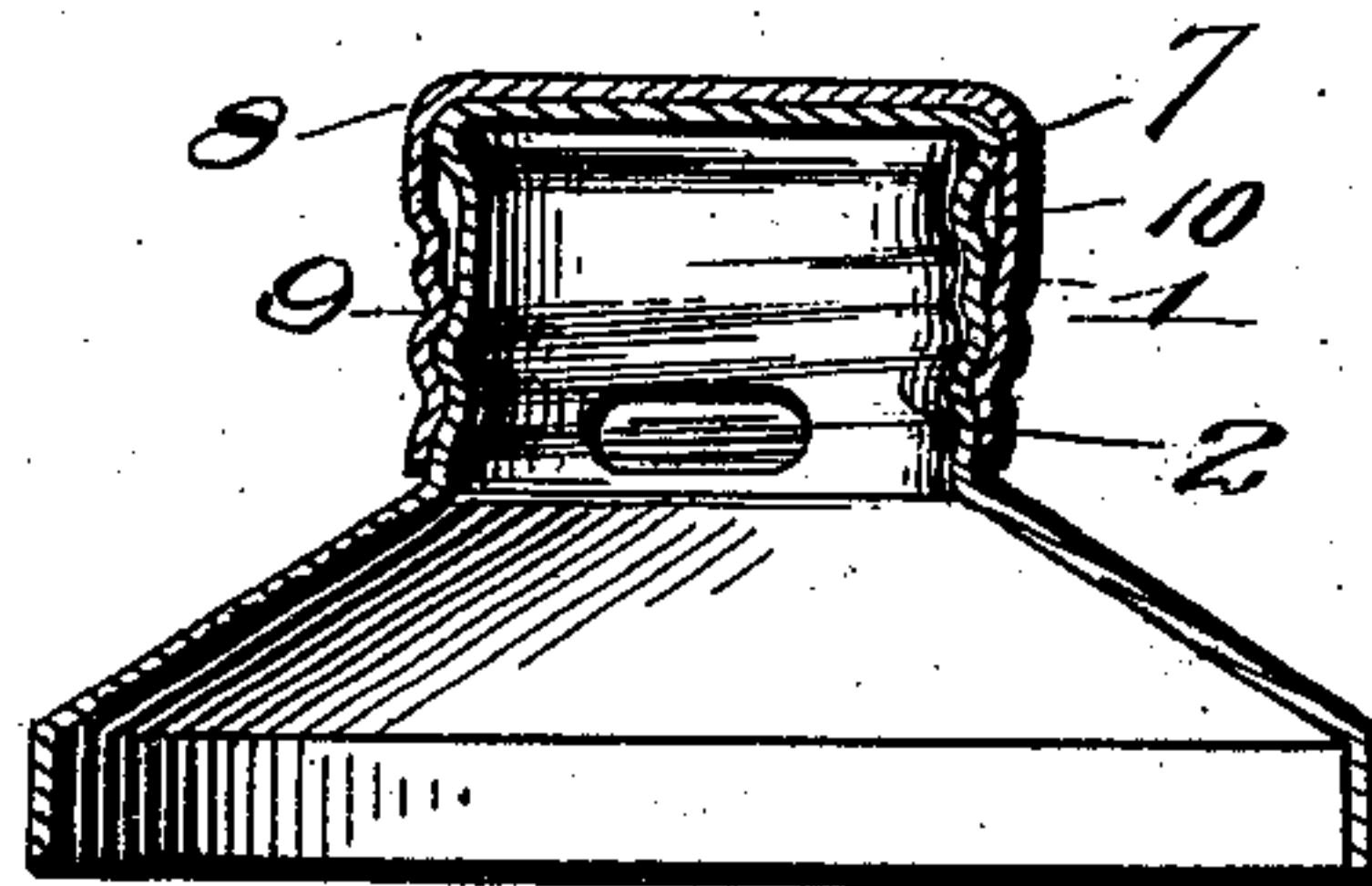


Fig. 4.



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Witnesses

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UNITED STATES PATENT OFFICE.

HENRY B. KENT, OF NEW BRUNSWICK, NEW JERSEY.

TOP FOR TOOTH-POWDER BOTTLES OR CANS OR OTHER CONTAINERS.

SPECIFICATION forming part of Letters Patent No. 701,893, dated June 10, 1902.

Application filed March 6, 1902. Serial No. 96,974. (No model.)

To all whom it may concern:

Be it known that I, HENRY B. KENT, a citizen of the United States, residing at New Brunswick, in the county of Middlesex and State of New Jersey, have invented certain new and useful Improvements in Tops for Tooth-Powder Bottles or Cans or other Containers; and I do 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.

My invention relates to improved tops or stoppers for tooth-powder bottles and cans and other forms of containers with which the top or stopper may be employed, and is designed as an improvement upon Letters Patent No. 690,737, granted to me as the assignor to Consolidated Fruit Jar Company, by providing a simple and positive means for preventing the unscrewing or accidental removal of the cap from the neck portion.

The invention consists in certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a side elevation of a top or stopper designed for use with a tooth-powder bottle. Fig. 2 is a vertical sectional view. Fig. 3 is a plan view of a top or stopper designed for use with a tooth-powder can or other container, and Fig. 4 is a vertical sectional view through the same.

Referring to Figs. 1 and 2 of the drawings, 1 denotes the neck of the stopper, provided with a discharge-orifice 2 and having at its lower edge a laterally-projecting annular flange 3, which is adapted to be crimped around the edge of an annular flange 4 of a tubular shank portion 5, which carries a cork packing 6. The neck portion is provided with screw-threads to a point near its upper end, where it is formed with a lateral swell, bulge, or shoulder 7.

8 denotes the cap, which is provided with screw-threads 9 to engage the threads of the neck and is formed with a lateral bulge 10 at its upper end, which is of greater length than the bulge 7, whereby the screw-cap may be rotated and guided vertically by its thread-

ed connection with the neck to expose and close the opening in the neck. It is of course understood that the screw-cap is engaged with the neck before the tool is inserted into the neck from below and the bulge 7 formed in said neck. After this bulge has been formed it will be impossible to remove the cap.

In the construction shown in Figs. 3 and 4 I have provided the tubular shank with a flaring body which is adapted to be secured in any suitable manner around the upper end of the can or other container. The other features illustrated are similar to those illustrated in Figs. 1 and 2 and are correspondingly numbered, and the description of the construction shown in Figs. 1 and 2 will answer for that shown in Figs. 3 and 4.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of the invention will be readily understood without requiring an extended explanation.

Various changes in the form, proportion, and details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

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

In a bottle or can top, the combination with a neck portion formed with a discharge-aperture and, for a portion of its length, with screw-threads and at its end with a lateral bulge or shoulder, of a screw-threaded cap engaged with said neck portion and formed at its upper end with a bulge to receive that of the neck and of greater length than that of the neck to permit of the vertical movement of said cap in screwing it to close and expose the discharge-opening, substantially as set forth.

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

HENRY B. KENT.

Witnesses:

C. A. MCMURTRY,
H. B. DUNN.