

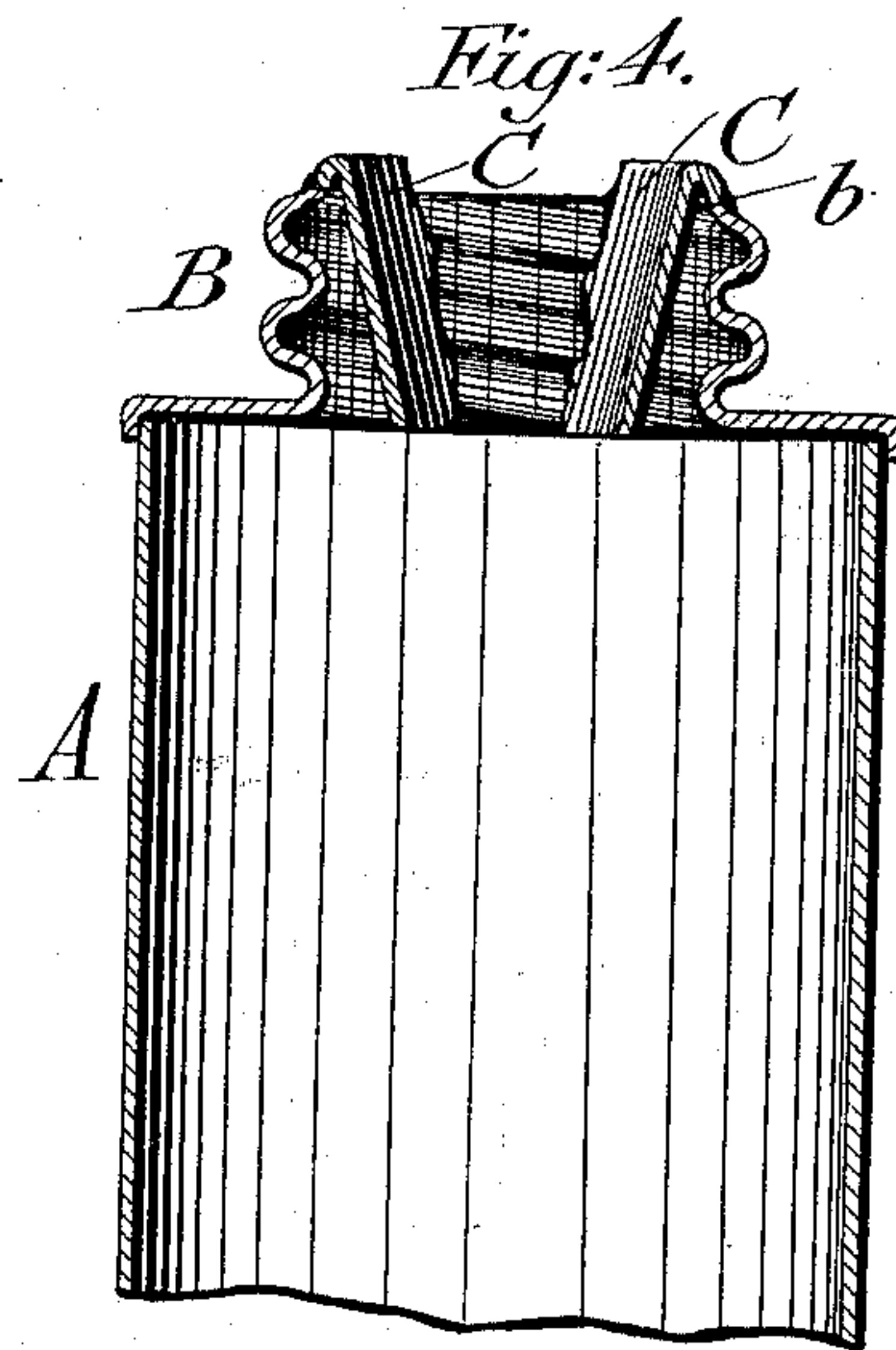
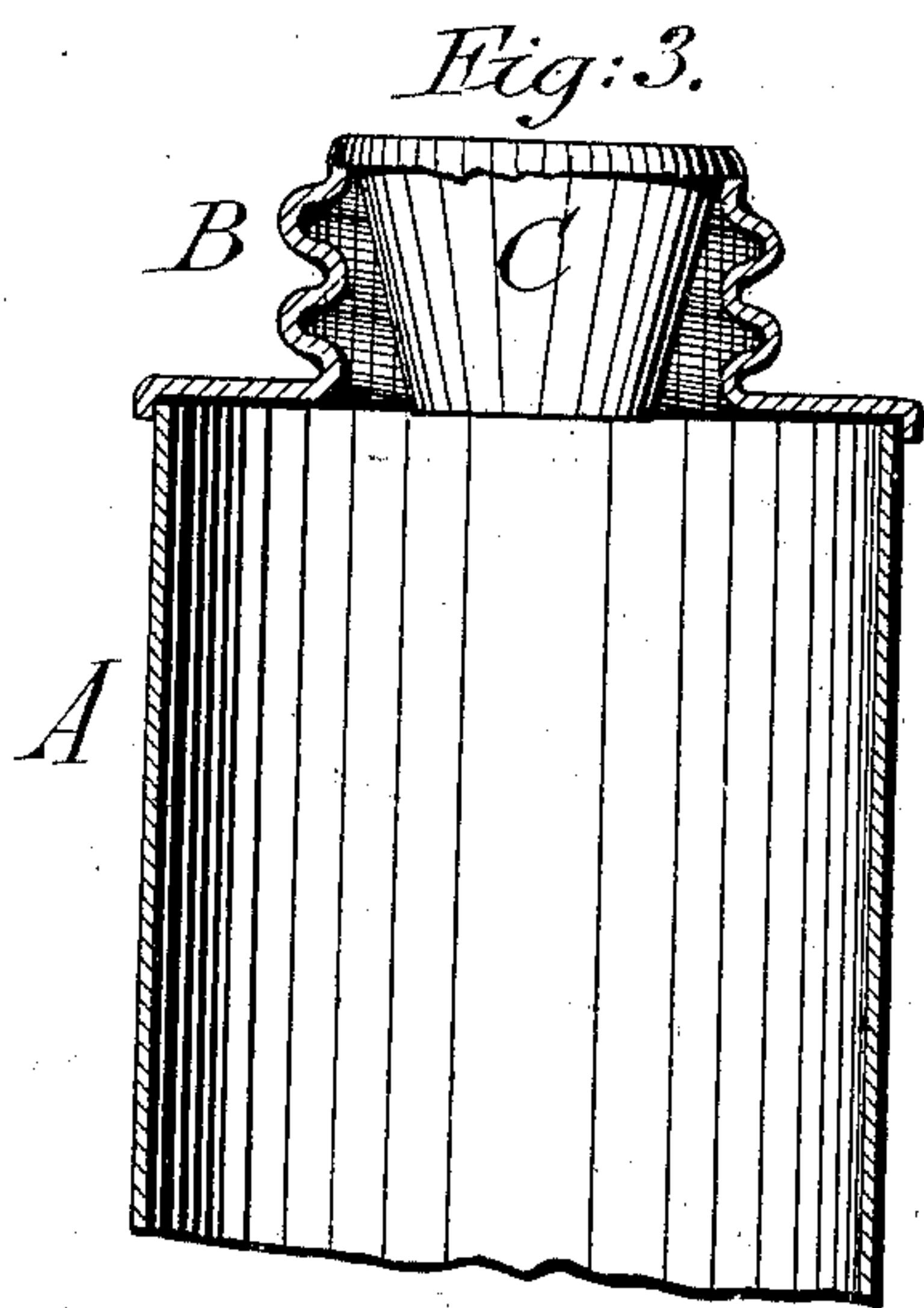
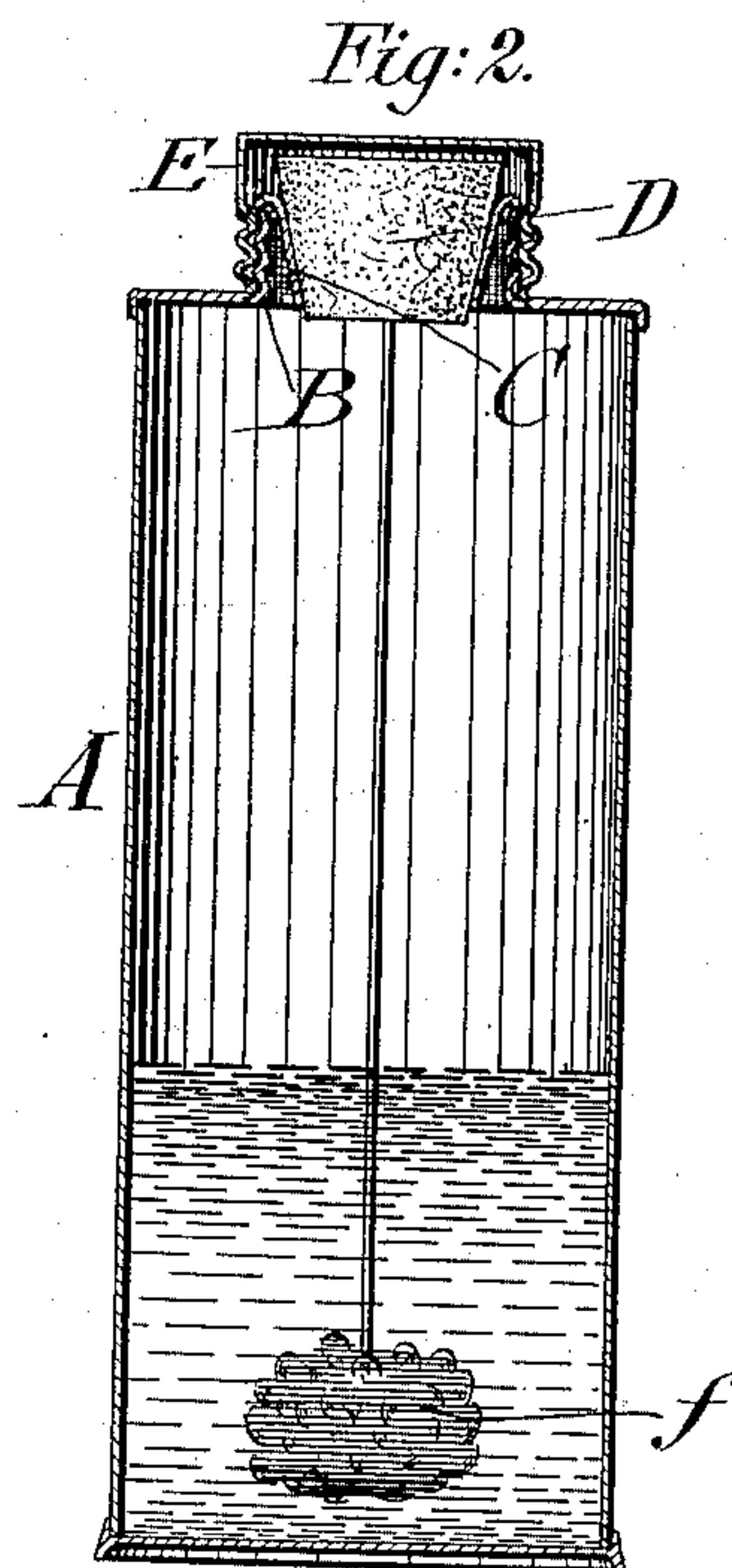
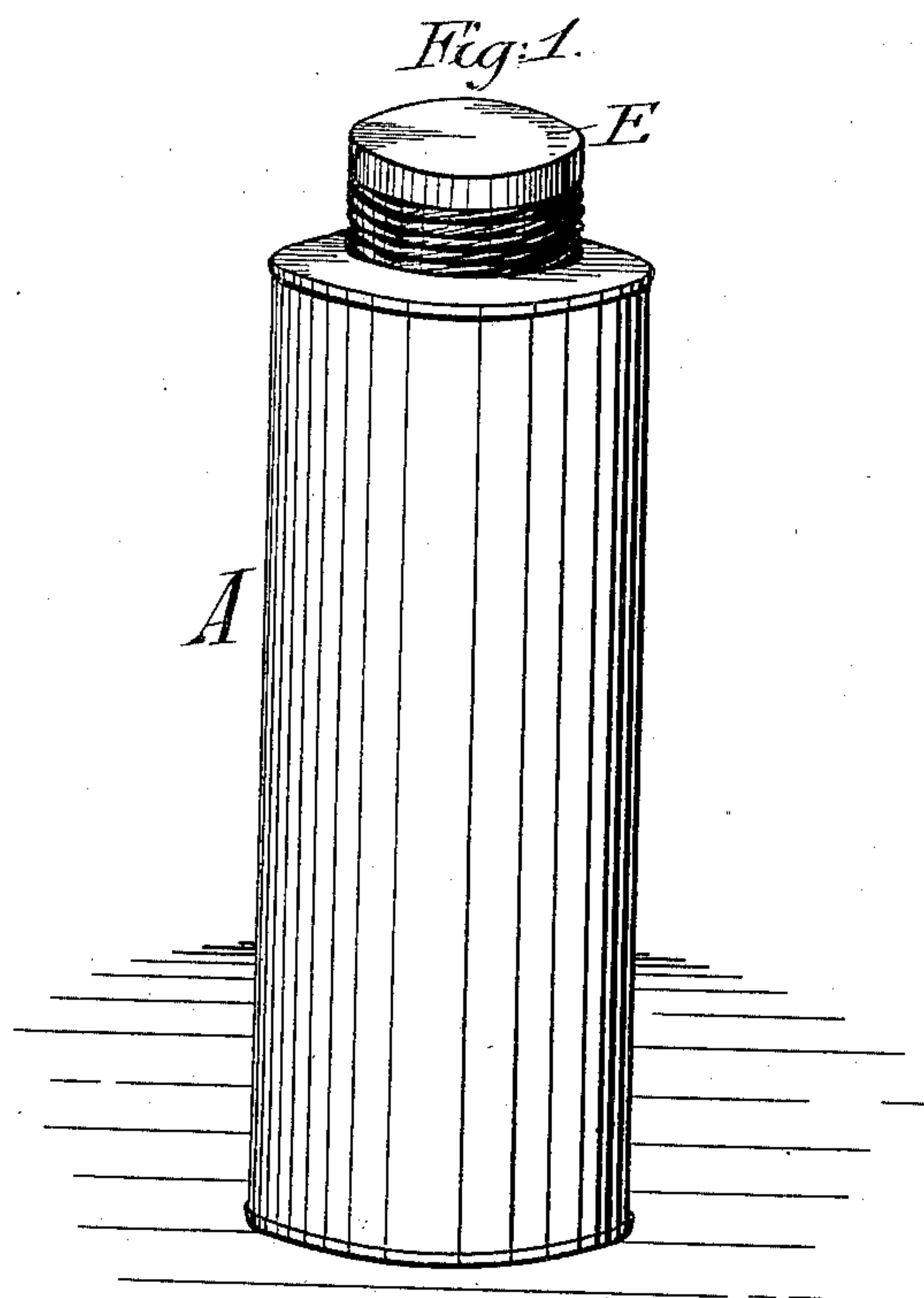
No. 656,911.

Patented Aug. 28, 1900.

H. J. VOGEL.
SCREW CAP SHEET METAL CAN.

(Application filed Dec. 15, 1899.)

(No Model.)



WITNESSES:
James D. Lewis
W. H. H. H. H. H.

INVENTOR
Henry J. Vogel
BY *James D. Lewis*
ATTORNEYS

UNITED STATES PATENT OFFICE.

HENRY J. VOGEL, OF NEW YORK, N. Y., ASSIGNOR TO WILLIAM VOGEL & BROTHERS, OF SAME PLACE.

SCREW-CAP SHEET-METAL CAN.

SPECIFICATION forming part of Letters Patent No. 656,911, dated August 28, 1900.

Application filed December 15, 1899. Serial No. 740,426. (No model.)

To all whom it may concern:

Be it known that I, HENRY J. VOGEL, a citizen of the United States, residing at New York, borough of Brooklyn, State of New York, have
5 invented certain new and useful Improvements in Screw-Cap Sheet-Metal Cans, of which the following is a specification.

The invention relates to sheet-metal cans of that class provided with screw-caps; and
10 the object of the invention is to provide such cans with simple, reliable, and novel means for closing the same to exclude the air and to enable ready access to and the complete closure of the contents of the can.

15 The invention consists of a sheet-metal can comprising a body provided with a screw-neck, an interior frusto-conical nozzle portion projecting inwardly from the outer end of the neck, a screw-cap, and a tapering cork fitting
20 into the nozzle portion, projecting above the same and compressible by means of the top of the screw-cap, all as will be hereinafter described and then particularly claimed.

In the accompanying drawings, Figure 1 is
25 a side elevation of my improved sheet-metal can. Fig. 2 is a vertical central section of the same. Fig. 3 is a sectional view of the upper portion of the can, the tapering inverted nozzle portion being in elevation; and
30 Fig. 4 is a modification, in section, showing the neck and nozzle portion made of two soldered sections instead of seamless, as in the other figures.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A indicates a sheet-metal can-body which is provided with a screw-neck B. Arranged within the screw-neck and projecting inwardly from the outer
40 end thereof is a frusto-conical nozzle portion C, the exposed surface of which forms a smooth seat for a tapering cork or plug D. In Figs. 2 and 3 the screw-neck and the inverted nozzle portion are shown as seamless,
45 while in Fig. 4 the nozzle portion is made of another piece and is soldered at *b* to the neck; but in both forms of the invention the said parts are practically continuations the one of the other, so that no sharp edges are presented

at the top of the neck or the nozzle portion, 50 the bend between them being in the nature of a fold.

A screw-cap E screws onto the neck B and presses the cork D snugly and tightly into the seat formed by the nozzle portion C. The
55 cork is of such length as to project above the neck, so that the cap when screwed down will take hold of it and press it forcibly down and against the nozzle portion, whereby the cork
60 is caused to serve as a packing and to act with the nozzle portion and cap in forming a perfect closure for the can. As the nozzle portion is free and undetached at its inner end, it will be understood that it yields to a
65 certain extent, and thereby favors a better packing and closing of the parts.

The invention is especially applicable to such cans or vessels as are used for containing liquid shoe-polish; but it is of course applicable for other purposes, as for oils, var-
70 nishes, &c. When used for shoe-polish, the withdrawal of the cork draws out the dauber or sponge *f*, which comes in contact with the contracted inner end of the nozzle portion that acts as a scraper, and thereby removes
75 superfluous polish, so that it will not drip onto the floor or clothing.

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

A sheet-metal can, consisting of a body portion provided with a screw-neck, an interior nozzle portion of frusto-conical shape, surrounded by and projecting into the neck from
85 the outer end thereof, the bend at the top of the neck and nozzle portion being in the nature of a fold, a screw-cap, and a tapering cork fitted in and projecting upwardly from the nozzle portion, said cork being pressed to
90 its seat by the said cap, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

HENRY J. VOGEL.

Witnesses:

WILLIAM E. WILSON,
HARRY J. VALENTINE.