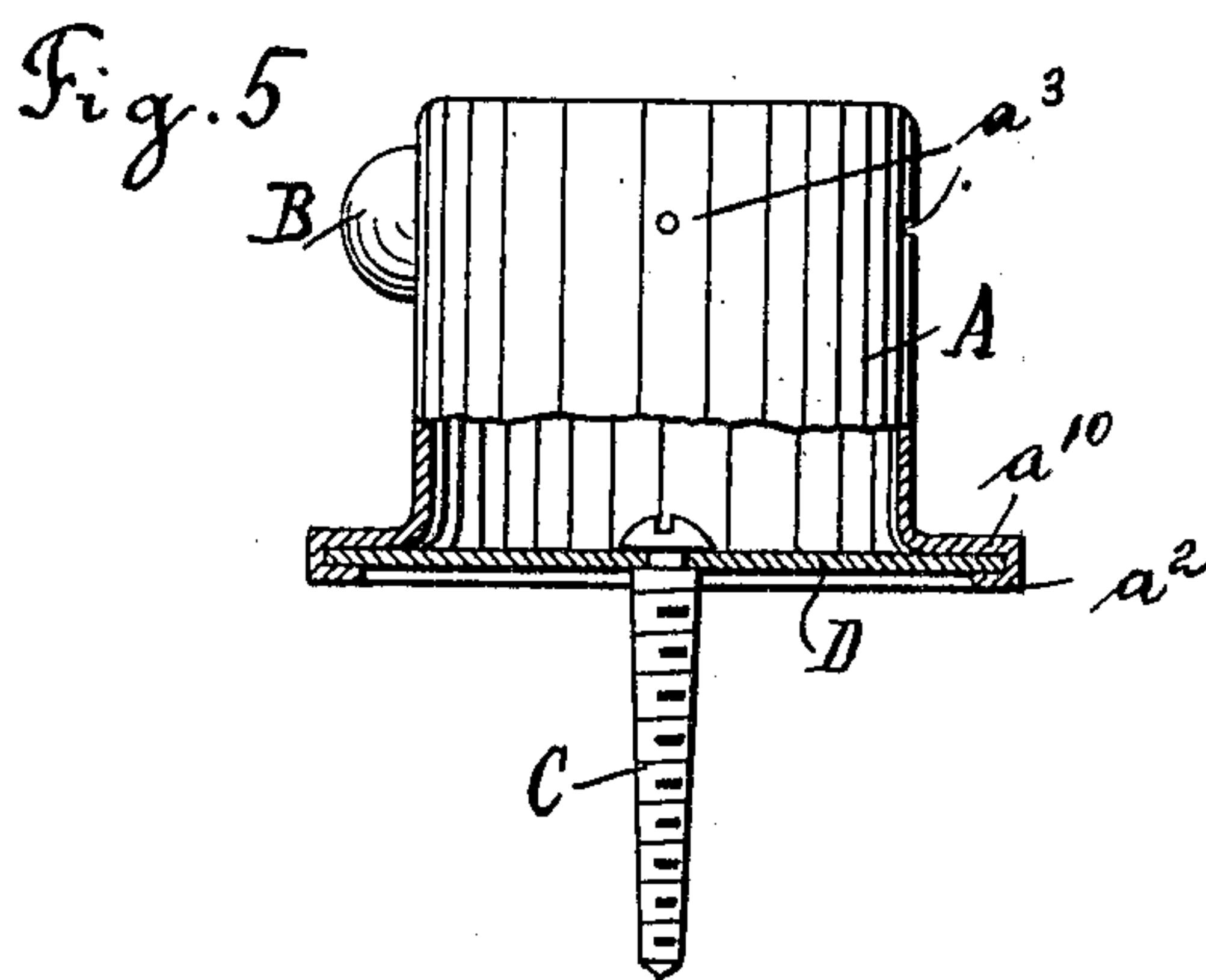
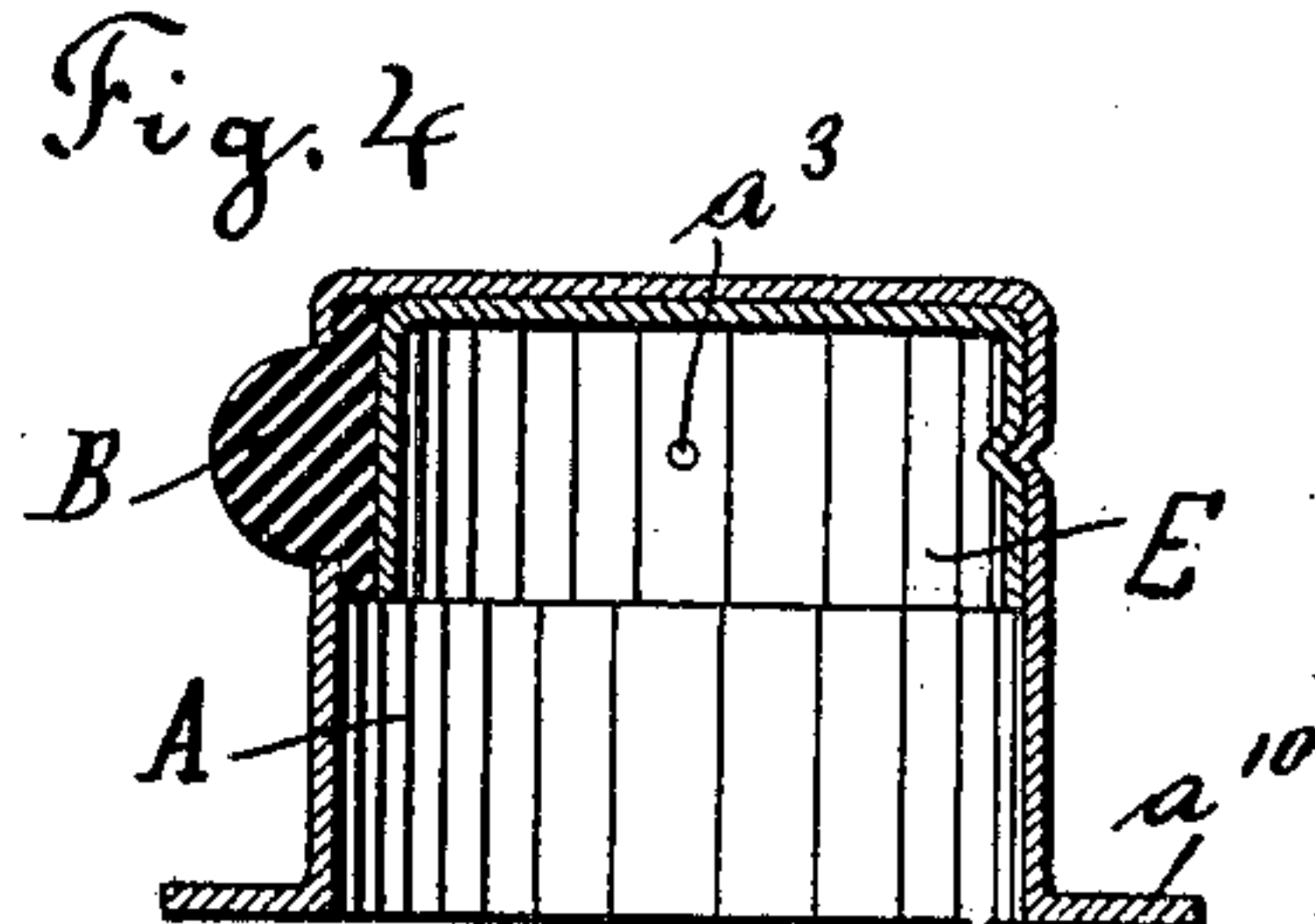
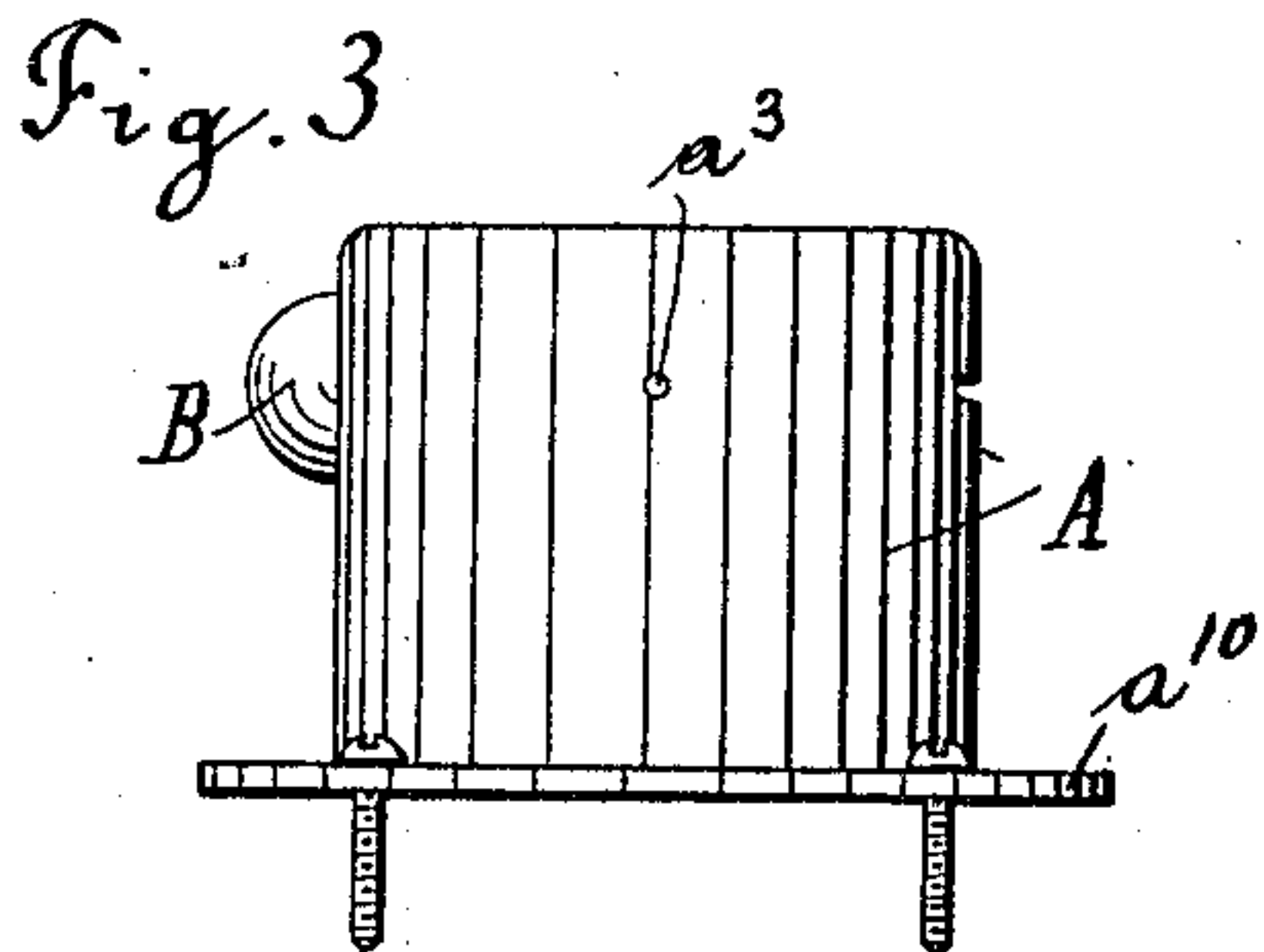
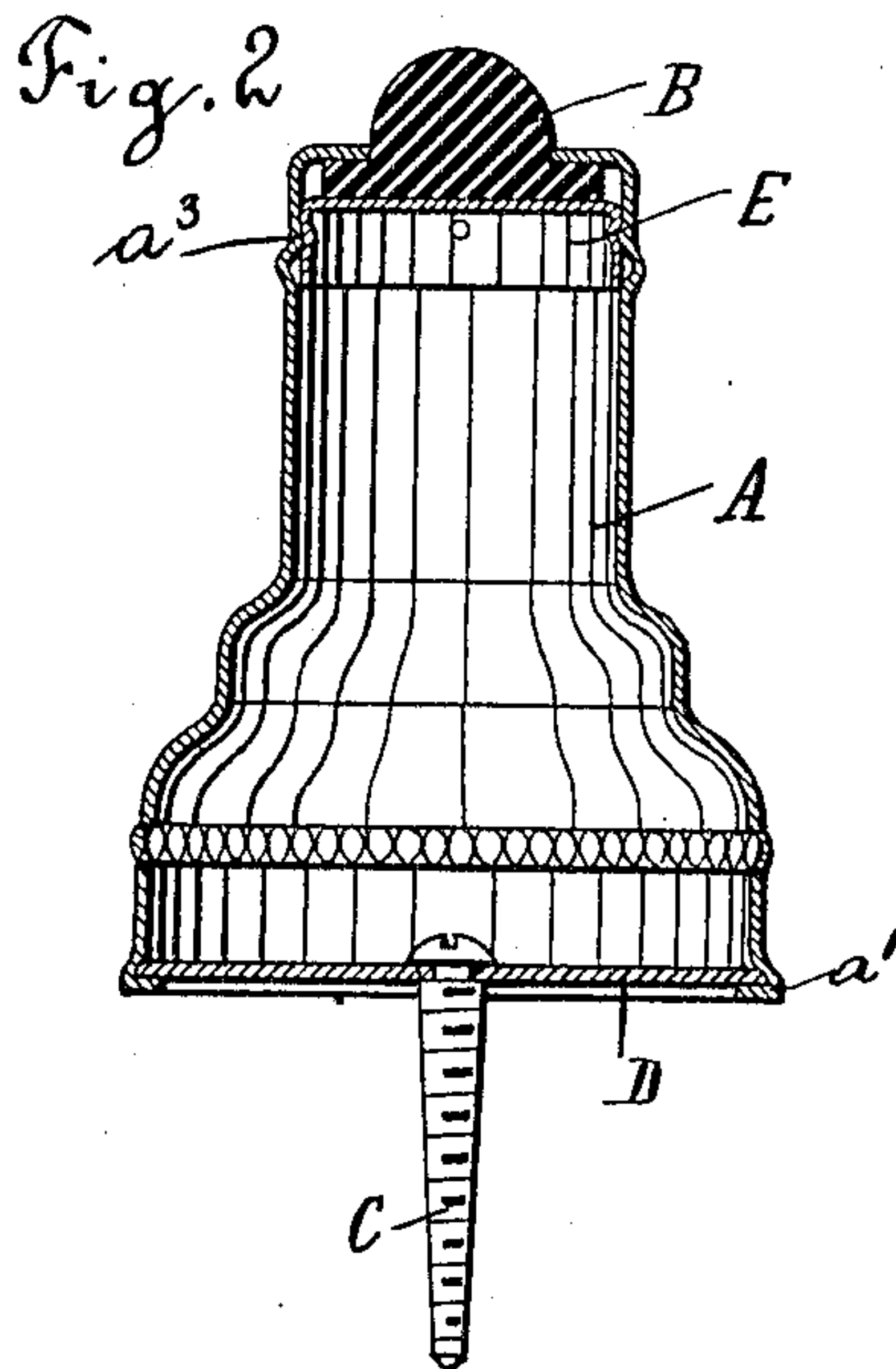
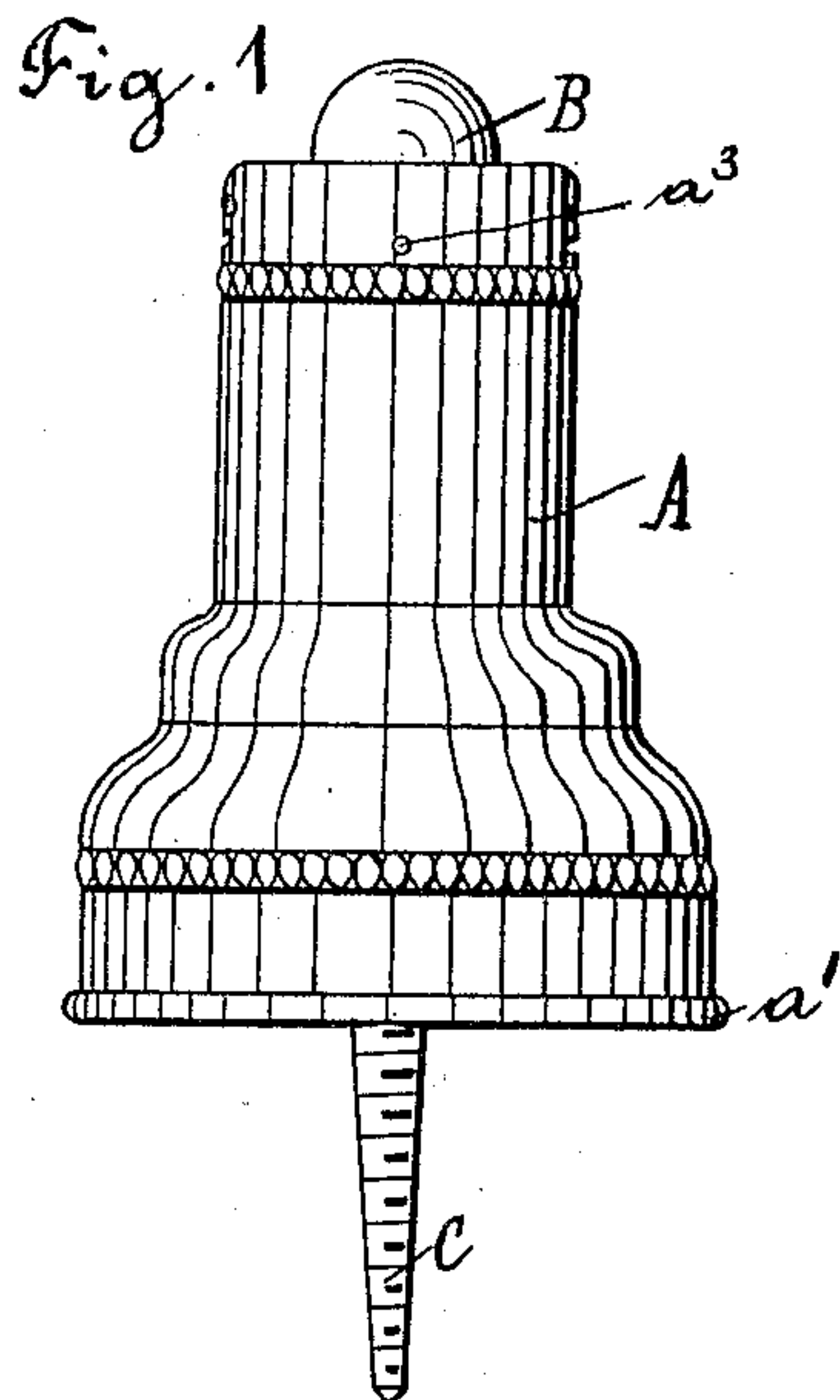


No. 872,184.

PATENTED NOV. 26, 1907.

H. F. KEIL.
DOOR CHECK OR BUMPER.
APPLICATION FILED SEPT. 6, 1906.



WITNESSES

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UNITED STATES PATENT OFFICE.

HENRY FRANCIS KEIL, OF BRONXVILLE, NEW YORK.

DOOR CHECK OR BUMPER.

No. 872,184.

Specification of Letters Patent.

Patented Nov. 26, 1907.

Application filed September 6, 1906. Serial No. 333,421.

To all whom it may concern:

Be it known that I, HENRY FRANCIS KEIL, a citizen of the United States of America, and a resident of Bronxville, in the county of Westchester and State of New York, have invented a certain new and useful Door Check or Bumper; and I do hereby set forth such a full, clear, and exact description of the same as will enable the invention to be fully understood by those skilled in the art.

This invention relates to articles designed to be attached to a floor or side wall to provide a door check or bumper for the purpose of preventing a door from marring a wall by stopping it before it reaches the same, which articles embody certain novel features of construction and combination and arrangement of parts all of which will be hereinafter described and fully illustrated in the drawings.

In order to enable the invention to be fully understood I will proceed to explain the same by reference to the drawings, illustrative of embodiments of the invention, in which

Figures 1, 2, 3 and 5 are side elevations of articles constructed according to the invention; Figs. 2 and 5 being partly in section; Fig. 4 is a central vertical section of the door checks shown in Figs. 3 and 5.

Like letters of reference indicate like parts in all the views.

Referring particularly by reference characters to the drawings A denotes the body portion of the hollow door check, preferably drawn or otherwise formed of sheet metal, which may or may not be provided with a closed bottom.

B is a flanged tip ordinarily constructed of flexible, elastic or yielding material.

The seat for the elastic tip may consist of an inverted cup E, in which case the body of the tip is passed through an orifice in the body portion A, and the inverted cup E is

then placed adjacent to the rear of the tip and held in position by means of indentations a^3 formed in the side of the part A. The orifice for the elastic tip may be placed in the end of the door check, as shown in Figs. 1 to 3, or else it may be located in the side portion thereof, as illustrated in Figs. 3 to 5.

The door check is preferably provided with a closed bottom portion D in most cases, the same ordinarily having a screw C projecting therefrom, and soldered, riveted or otherwise secured thereto.

The door check may, if preferred, have an open lower end and be made with a peripheral flange a^{10} in which orifices may be formed for the retaining screws, or the edge a^1 or flanged edge a^2 of the said body may be clamped over the bottom plate D inserted at the open end of the door check thereby forming a closed bottom for the same as above stated.

Having thus described and ascertained the nature of my said invention and in what manner the same is to be performed, it being kept in mind that in law the substitution of equivalents works no variation in the substance of the same, I would have it understood that what I claim as my invention is:

A door check comprising a hollow sheet metal body and formed with an orifice, an inverted cup inserted within the said body to form a support, and a flanged elastic tip held between the shell of the body and the said support.

In testimony of the foregoing specification I do hereby sign the same in the city of New York, county and State of New York, this 23rd day of August 1906.

HENRY FRANCIS KEIL.

Witnesses:

ROB. SCHWARZ,
J. ODELL FOWLER.