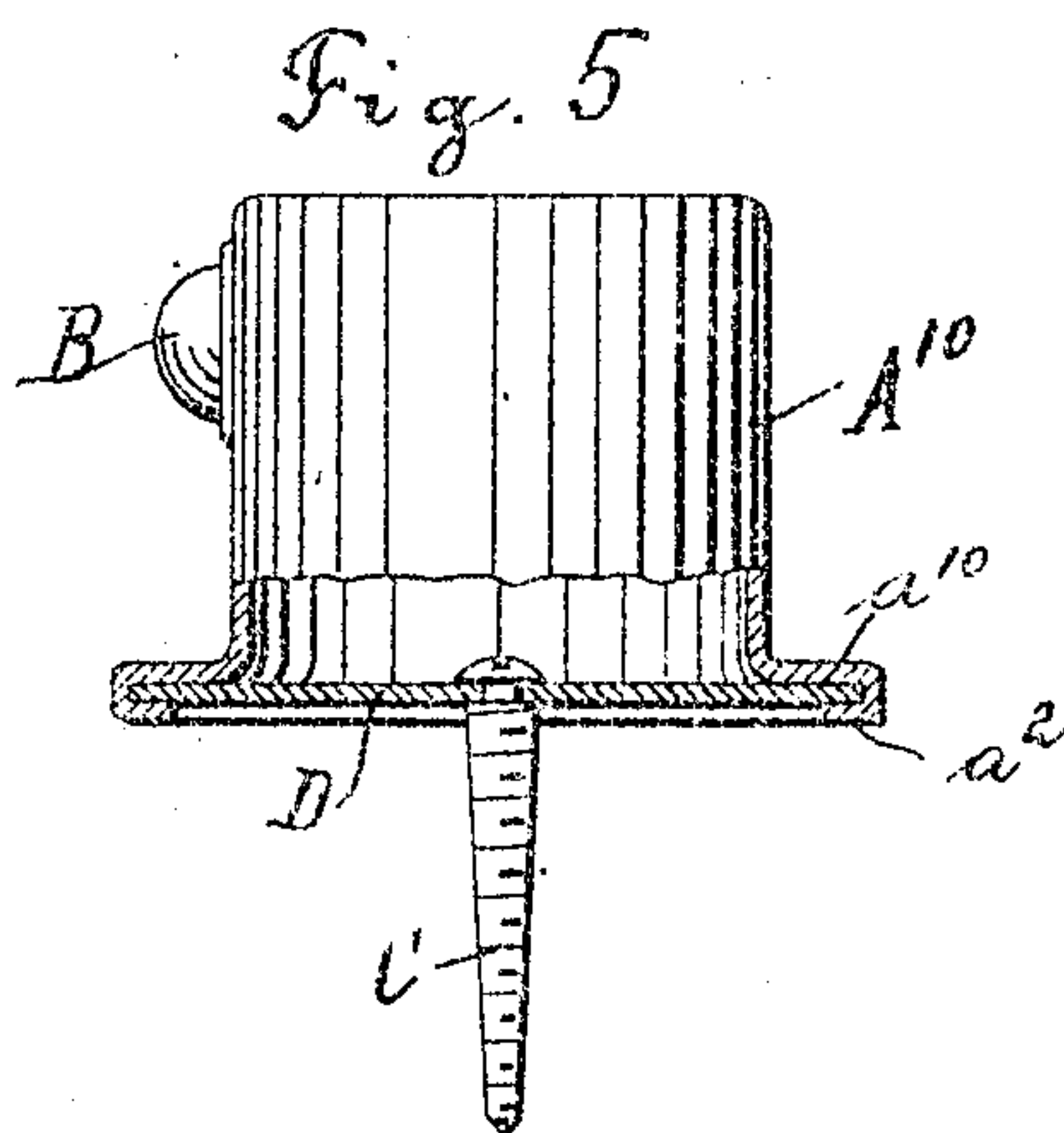
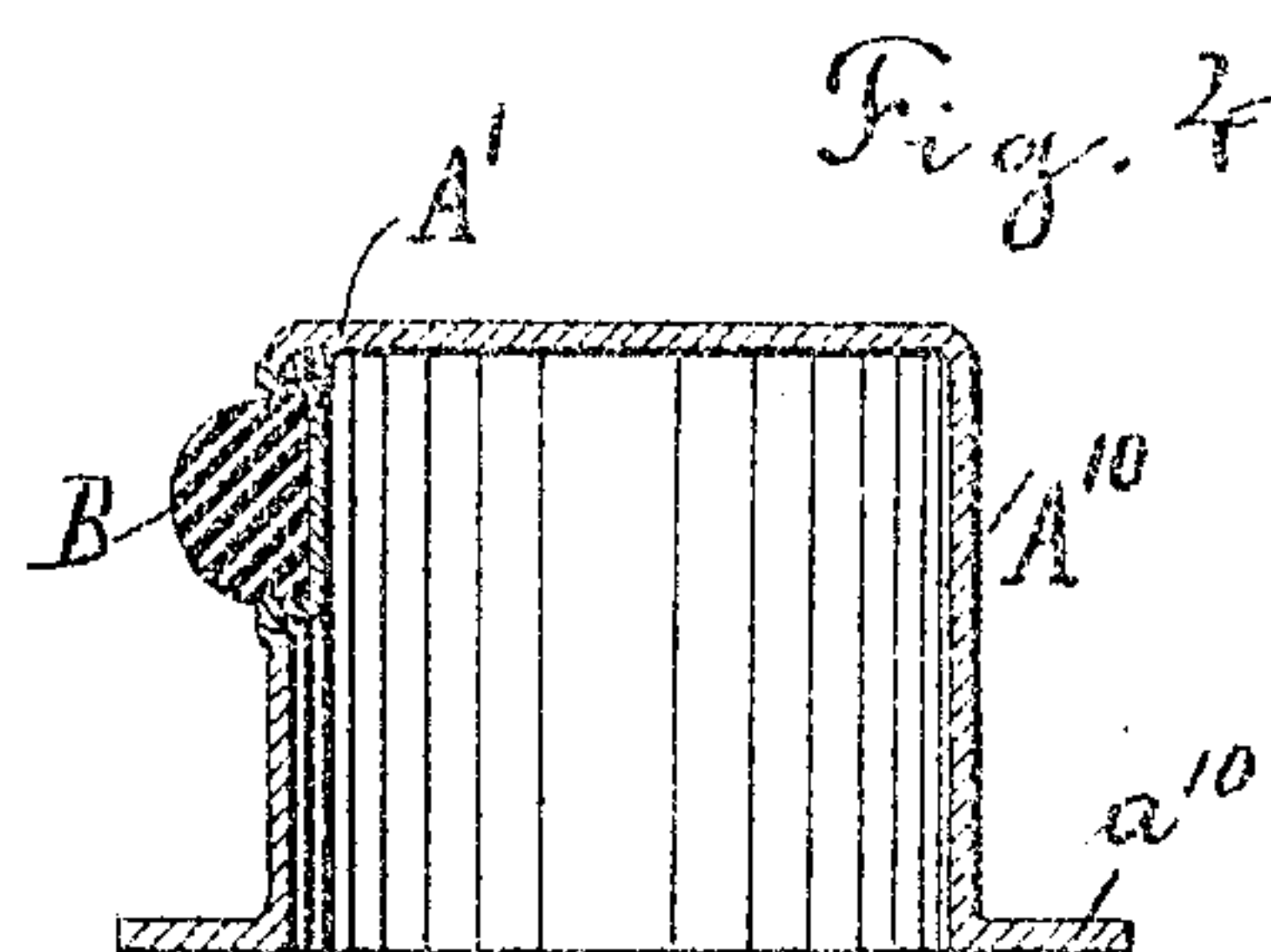
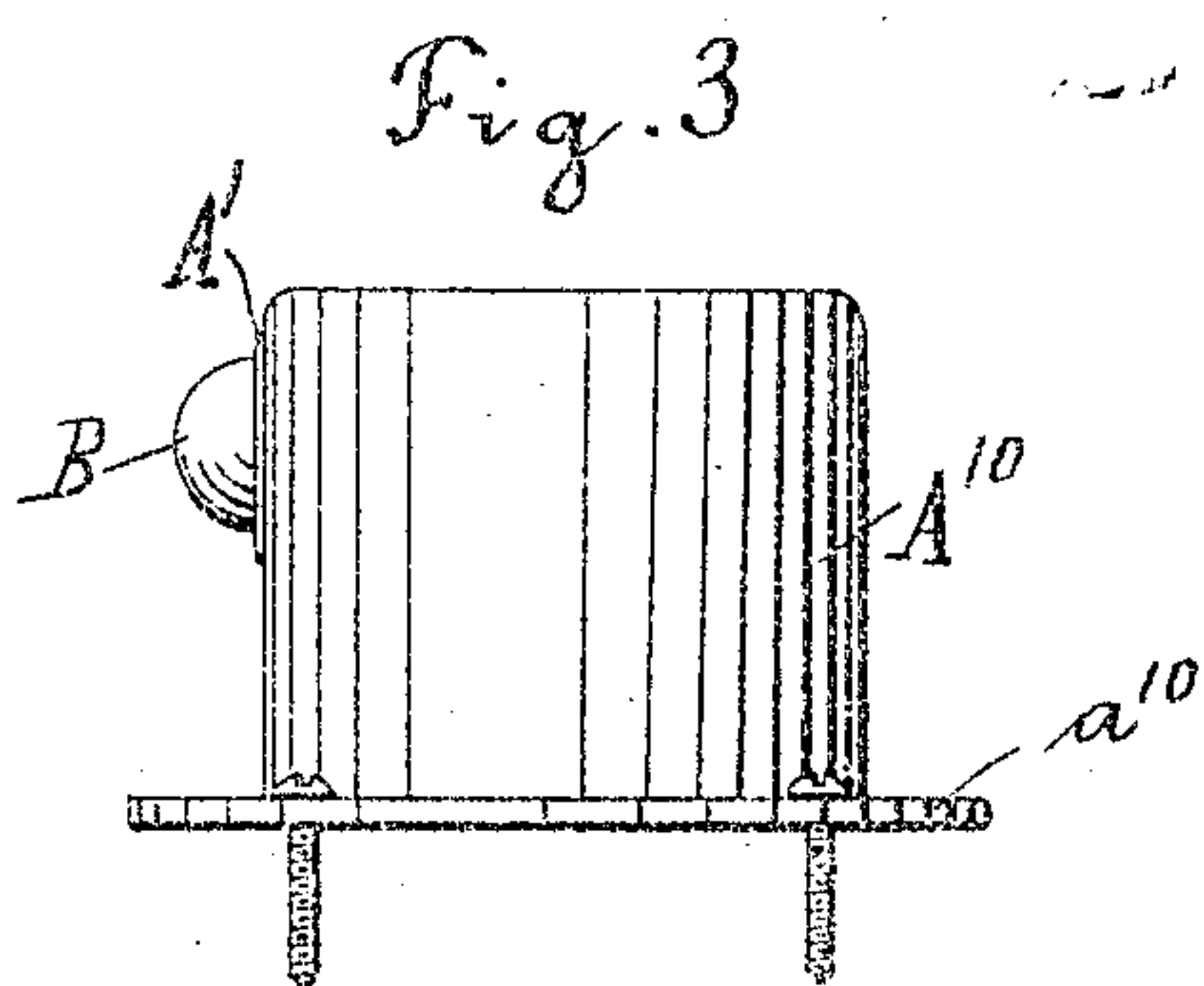
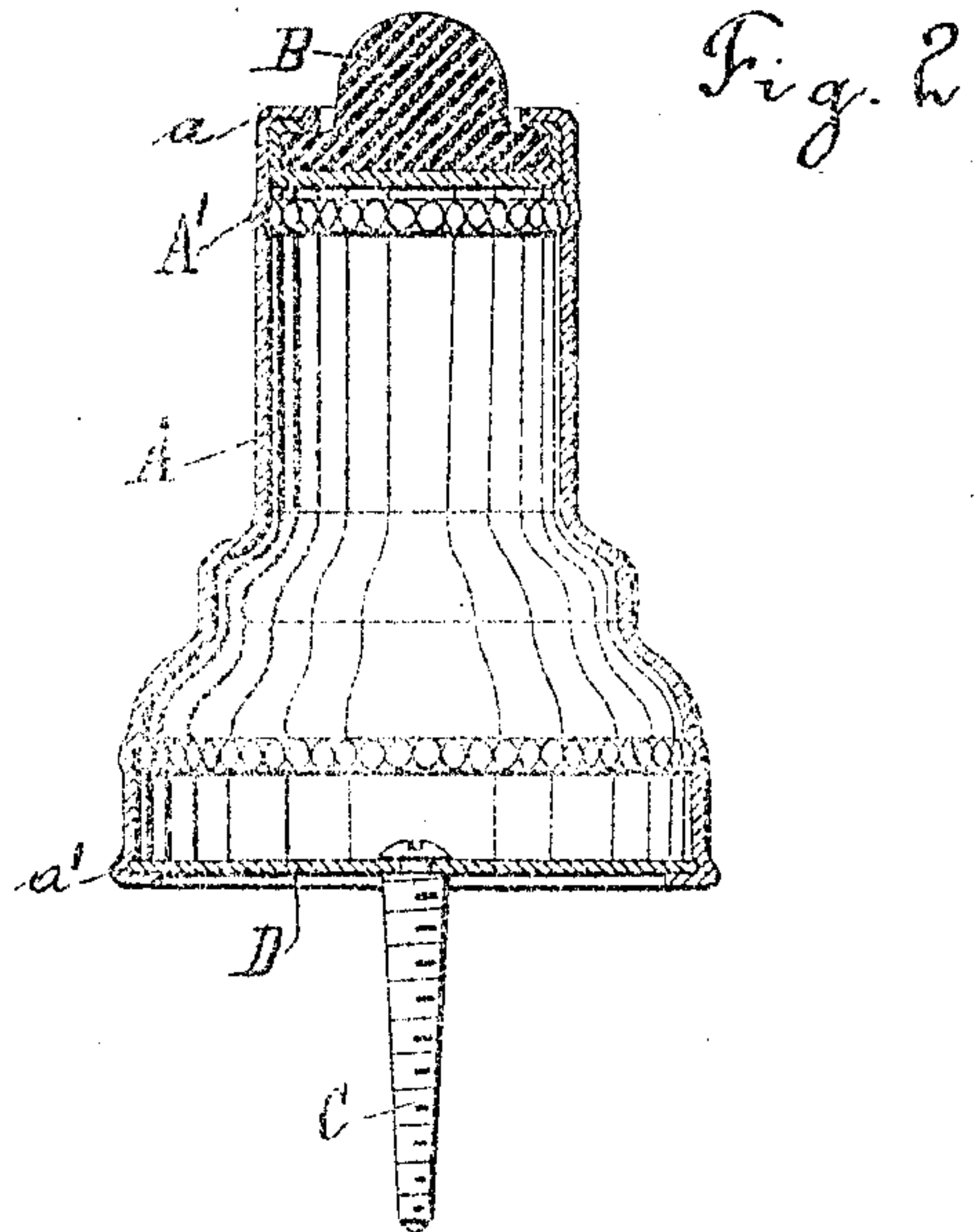
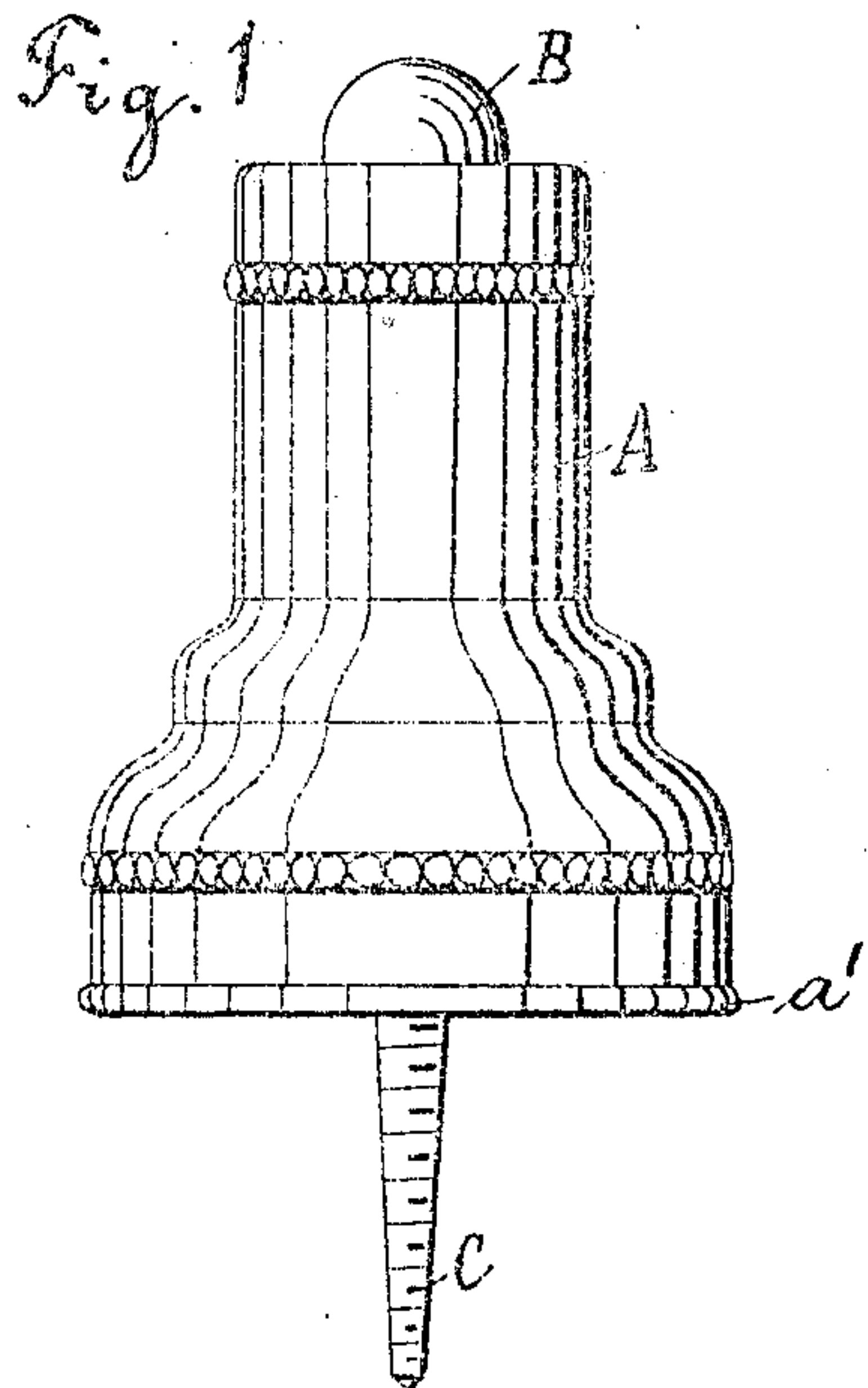


No. 872,185.

PATENTED NOV. 26, 1907.

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



WITNESSES

*Joseph B. Fowler*  
*Joseph Garcia*

INVENTOR

*H. F. Keil*  
BY *J. O. Fowler*  
ATTORNEY



# UNITED STATES PATENT OFFICE.

HENRY FRANCIS KEIL, OF BRONXVILLE, NEW YORK.

DOOR CHECK OR BUMPER.

No. 872,185.

Specification of Letters Patent.

Patented Nov. 26, 1907.

Application filed September 6, 1906. Serial No. 333,422.

*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, of which the following is a specification, the same being a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to articles designed and adapted to stop a door and prevent the knob thereof from coming in contact with a wall, and ordinarily designated as a door check, and it has for its object the provision of a device of the kind set forth, simple in construction, inexpensive to manufacture and which is also efficient in practical use.

To attain the desired end, this my invention consists in the construction, arrangement and operation of parts herein set forth.

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 my invention in which

Figures 1, 3 and 5 represent side elevations of articles constructed according to my invention, Figs. 2 and 5 being partly in section; Fig. 4 is a vertical transverse 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 preferably sheet metal body portion of the hollow door check which is ordinarily provided with a closed bottom.

B is an ordinarily flexible, yielding or elastic flanged tip, and A' is a seat for the tip which is in this instance formed by having a depression or recess made at the end of the door check as is clearly shown in Fig. 3. The tip B is set in the said recess so as to rest upon the seat A' and then the edge or rim a is forced inwardly over the flange of the tip in order to form a peripheral clamp, by which means the said flange is clenched and rigidly

secured to the end of the body portion of the door check intermediate the end of the body portion and the said seat.

My door check thus consists of a hollow sheet metal body closed at its outer end and provided with a swaged in seat or recess for the flanged elastic tip which is held therein by the bent over edges of said recess, which seat or recess may manifestly be located in the outer end of the door check, as shown in Figs. 1 to 3, or in the side thereof, as the door check A<sup>10</sup> shown in Figs. 3 to 5.

The door check may, if preferred, have an open lower end and be made with a peripheral flange a<sup>10</sup> in which orifices may be formed for the retaining screws, or the edge a<sup>1</sup> or flanged edge a<sup>2</sup> 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.

The door check is preferably provided with a bottom portion in order to provide a means for attaching the same to a support consisting of a screw C projecting therefrom, and soldered, riveted or otherwise secured thereto.

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, closed at its outer end and provided with a swaged in seat or recess, and a flanged elastic tip held therein by the bent over edges of said recess.

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.