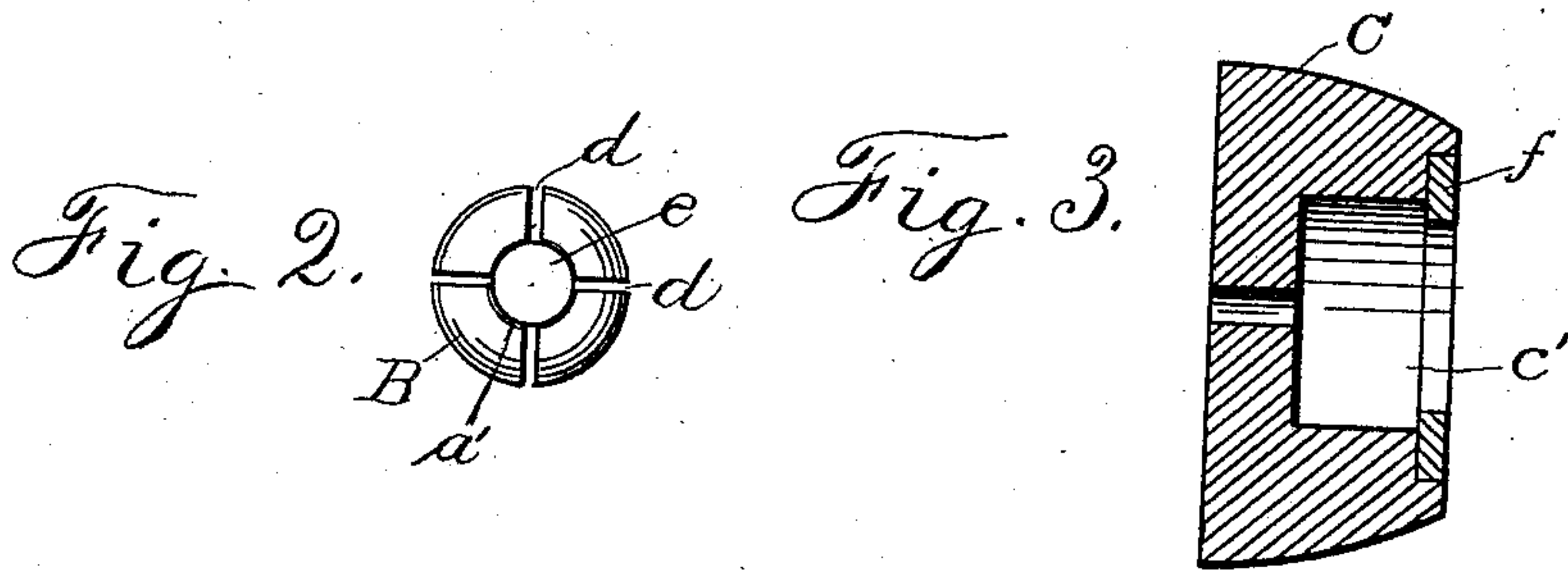
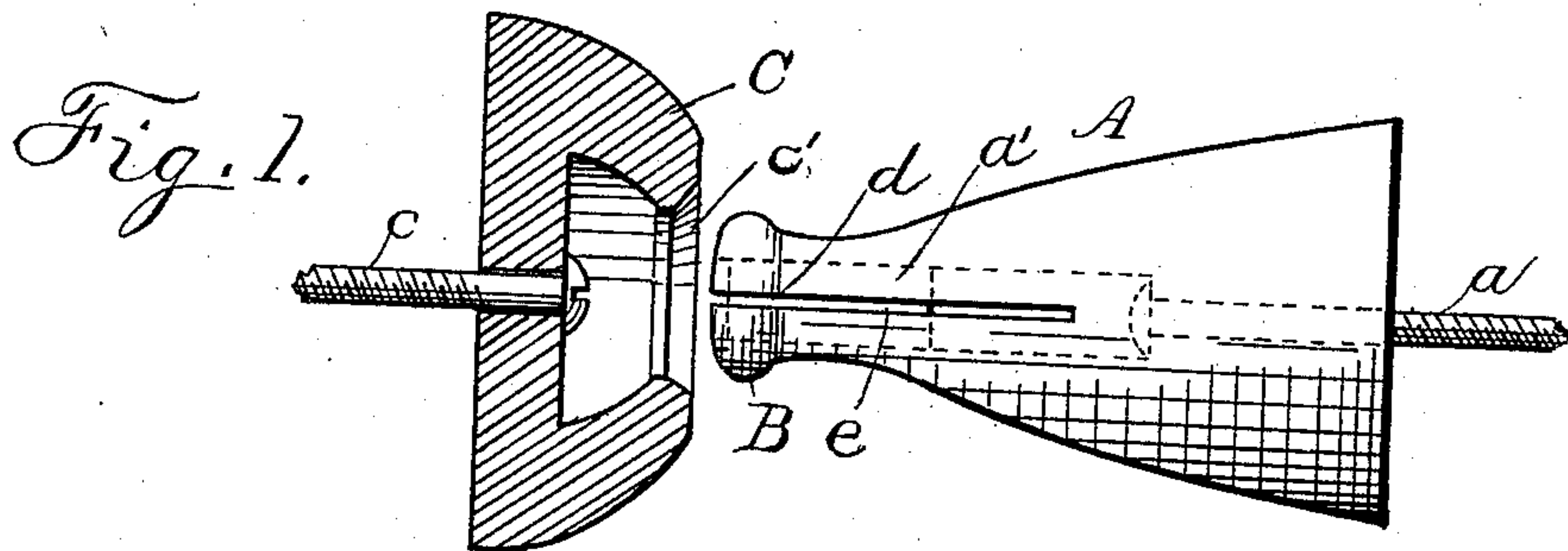


No. 842,304.

PATENTED JAN. 29, 1907.

C. G. DEMING.
DOOR CHECK.
APPLICATION FILED DEC. 30, 1905.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES GAYLORD DEMING, OF KINGSTON, NEW YORK.

DOOR-CHECK.

No 842,304.

Specification of Letters Patent.

Patented Jan. 29, 1907.

Application filed December 30, 1905. Serial No. 293,919.

To all whom it may concern:

Be it known that I, CHARLES GAYLORD DEMING, a citizen of the United States, residing at Kingston, in the county of Ulster and State of New York, have invented new and useful Improvements in Door-Checks, of which the following is a specification.

My invention relates to that type of door attachments in which a post or bumper is secured on the wall or base-board and is adapted to engage a socket or cup secured to the door when the door is opened and which holds the door open until purposely released. This engagement is effected without a sudden stop, and the parts are readily detached by applying a little force when closing the door, sufficiently to draw the knob of the bumper from the grip of the socket.

The accompanying drawings illustrate the invention, its various parts being referred to by letters, similar letters denoting corresponding parts in the several views.

Figure 1 is a side view of the device with the socket in vertical section. Fig. 2 is an end view of the knob, and Fig. 3 is a modification of the socket.

The letter A designates a post or bumper to be attached to a base-board or wall by a screw *a*. The reach of this bumper is reduced toward its outer end and is provided with a terminal knob B.

The longitudinal hole *a'* in the knob and bumper to admit the screw *a* is made large enough for about two-thirds of its length for the easy passage of the head of said screw, and then the bore is reduced to the size of the shank of the screw.

Longitudinal saw cuts or slits *d* extend through the knob B and into the reach of the bumper.

An elastic plug or cylinder *e* is fitted into the hole *a'* to impart sufficient elasticity to the knob so that when the knob has entered the socket after having been slightly compressed by the mouth of the socket it will expand within the cavity of the socket and be held there until purposely pulled out.

C is the cup or socket, provided with an attaching-screw *c*, by which it is fastened to the door. It has the mouth *c'* adapted to receive and hold with a moderate grip the knob B of the bumper.

In the modification of the socket shown in Fig. 3 the sides of the socket are straight from the beveled entrance back, and an annular lip *f*, of rubber or leather, is provided with a slight inward projection, as shown.

Having described my invention, what I claim is—

In a door stop and fastener having a socket and a bumper to engage said socket, longitudinal slits in the outer portion of said bumper, a longitudinal central hole in said outer portion of said bumper and an elastic cylinder in said hole, for the purpose specified.

In testimony whereof I affix my signature in presence of two subscribing witnesses.

CHARLES GAYLORD DEMING.

Witnesses:

HERBERT HALL,
S. L. DRAKE.