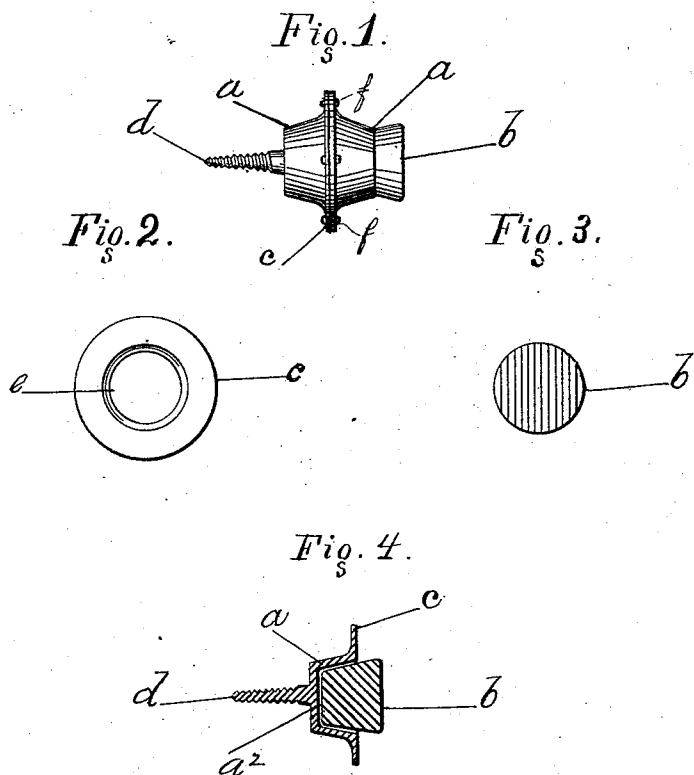


(No Model.)

H. A. ROST.
DOOR CHECK.

No. 345,451.

Patented July 13, 1886.



Witnesses...
William E. Reddick
Caleb S. Durbadway

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UNITED STATES PATENT OFFICE.

HENRY A. ROST, OF RICHMOND, INDIANA.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 345,451, dated July 13, 1886.

Application filed October 7, 1885. Serial No. 173,267. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. ROST, a citizen of the United States, residing at Richmond, in the county of Wayne and State of Indiana, have invented certain new and useful Improvements in Spring-Stops, of which the following is a specification, reference being had therein to the accompanying drawings, and in which—

Figure 1 represents a side view of one form of my improved stop. Fig. 2 is a plan view of the retaining device. Fig. 3 is a sectional view of the rubber spring or bumper; and Fig. 4 is a sectional view of the rubber in place in the retaining device, Fig. 4 representing a different form of construction from that shown in Fig. 1.

My invention relates to spring stops or bumpers for preventing articles from coming in contact or from rubbing against each other; and it consists in the improved construction and combination of parts, as will be hereinafter more fully described, and pointed out in the claim.

Referring to the accompanying drawings, in which the same letters of reference indicate corresponding parts in all the figures, *a* represents a thin metallic sheet of metal having a screw, *d*, rigidly secured at its central portion. A flaring cup-shaped receptacle, *a*², is stamped or formed in the sheet *a*, leaving a rim or flange, *c*, around its outer edge. A conical rubber spring, *b*, is then secured to the bottom and sides *e* of the receptacle *a*² by means of glue or other adhesive substance, leaving its outer end projecting slightly beyond the receptacle or socket.

When constructed as above described, the stop forms a very convenient device for placing behind picture-frames to keep them from rubbing or scratching the wall, and also on

the backs of heavy chairs, sofas, or other articles of furniture for the same purpose, or to keep them from coming in contact with each other. By rigidly securing the screw *d* to the sheet *a* the device can be readily attached where desired by grasping the flange *c* between the thumb and fingers and turning it the same as an ordinary screw. If it is desired to place the spring or bumper *b* farther from the article to be protected than it will be if placed in the receptacle, as shown in Fig. 4, two of the retaining devices, *a* and *a'*, as shown in Fig. 1, can be placed together and their flanges secured by the rivets *f*. The spring or bumper *b* is then glued or otherwise secured to the outer portion of the outer retaining device, *a'*. With either method of construction, although I prefer the one shown in Fig. 4, an article can be produced which is cheap, ornamental, and very convenient.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination of a thin sheet of metal having a screw rigidly secured to its central portion, a similar sheet of metal without a screw, each of said sheets having a flaring cup-shaped receptacle stamped or formed within it, leaving a flange around its outer edge, said sheets being secured together at their flanged portions by means of rivets, and a spring or conical-shaped rubber bumper secured to the outer portion of the outer sheet.

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

HENRY A. ROST.

Witnesses:

JAS. W. NICHOLS,
W. T. DENNIS.