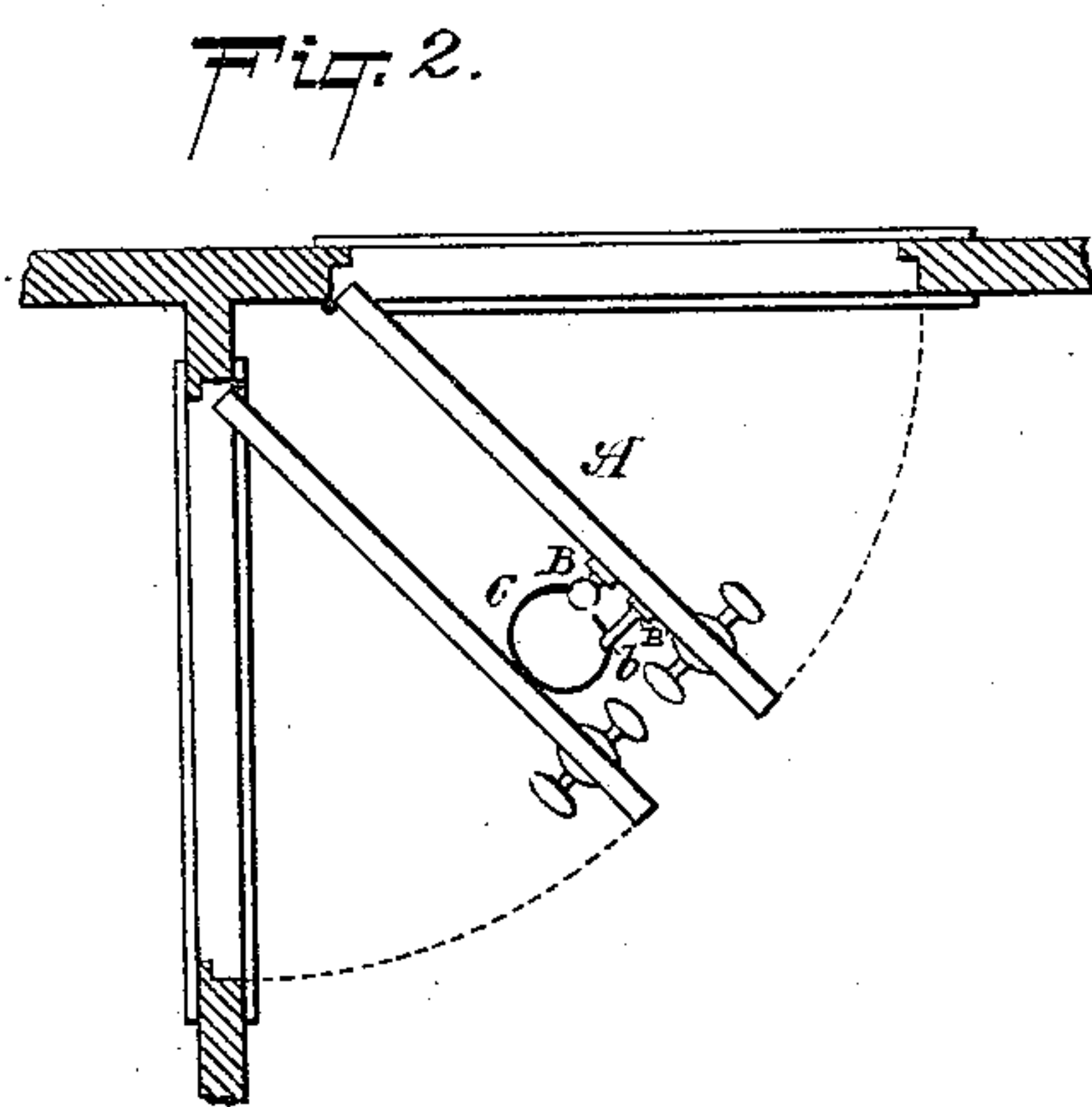
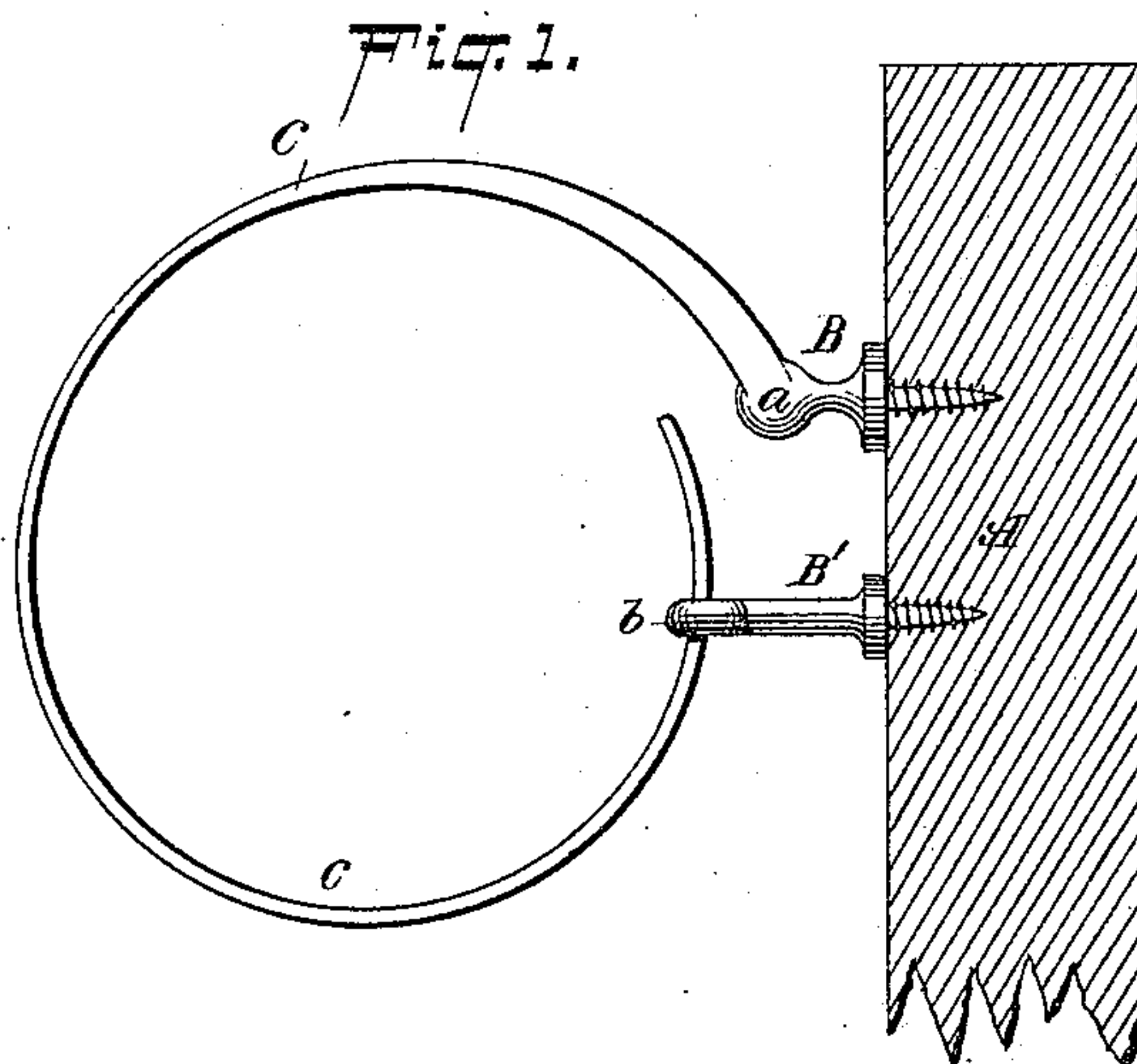


(No Model.)

H. W. STRUSS.  
DOOR CHECK.

No. 442,759.

Patented Dec. 16. 1890.



WITNESSES:

*Gustave Dietrich.*  
*William Goebel.*

INVENTOR

*Henry W. Struss*

BY

*Brisson & Straute*  
his ATTORNEYS

# UNITED STATES PATENT OFFICE.

HENRY W. STRUSS, OF NEW YORK, N. Y.

## DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 442,759, dated December 16, 1890.

Application filed June 19, 1890. Serial No. 355,942. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY W. STRUSS, a resident of the city, county, and State of New York, have invented an Improvement in Door-Stops, of which the following is a specification.

The object of my invention is to provide a cheap and durable door buffer or stop which shall not lose its resiliency in the ordinary usage of such articles.

My invention consists, essentially, of a curved spring secured at two points to the body of the door or to the foot-board of the wall, so as to limit its compression of the spring, as hereinafter more fully described.

Reference is had to the accompanying drawings, forming part hereof, wherein—

Figure 1 represents a top view of one form of the buffer; and Fig. 2 is a top view of the buffer, showing it between two doors.

Referring to the drawings, the letter A represents the body of the door or foot-board of the wall, as the case may be.

B B' are bolts, by which the spring C is secured to the door or foot-board A.

The spring C is made of steel, rattan, or any other analogous material, steel being preferably used. The spring C is secured at the

point *a* to one of the bolts B, and curving around in an arc is passed through the eye in the other bolt B', which is an eyebolt, from the outer side to allow the spring to contract to an unlimited extent by running through the said eye, and thus obviating the danger of the spring breaking when the door is slammed against it. The free end of the spring is thus contained in its own loop, and requires no special cover to prevent it scraping the door or the frame.

My buffer operates to protect the wall, or, as shown in Fig. 2, to prevent the knobs of two doors swinging toward each other from knocking together.

Therefore, having described my invention, what I claim is—

In a door buffer or stop, the combination of the screw-fastener B and independent screw-eye B', with the curved spring C, said spring being rigidly secured to the fastener B and passed through the eye B' from the outer side, its free end being contained within said loop, substantially as described.

HENRY W. STRUSS.

Witnesses:

JAMES L. SUYDAM,  
LIVINGSTON EMERY.