

J. C. PETERMAN.
DOOR CHECK AND BUFFER.
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922,185.

Patented May 18, 1909.

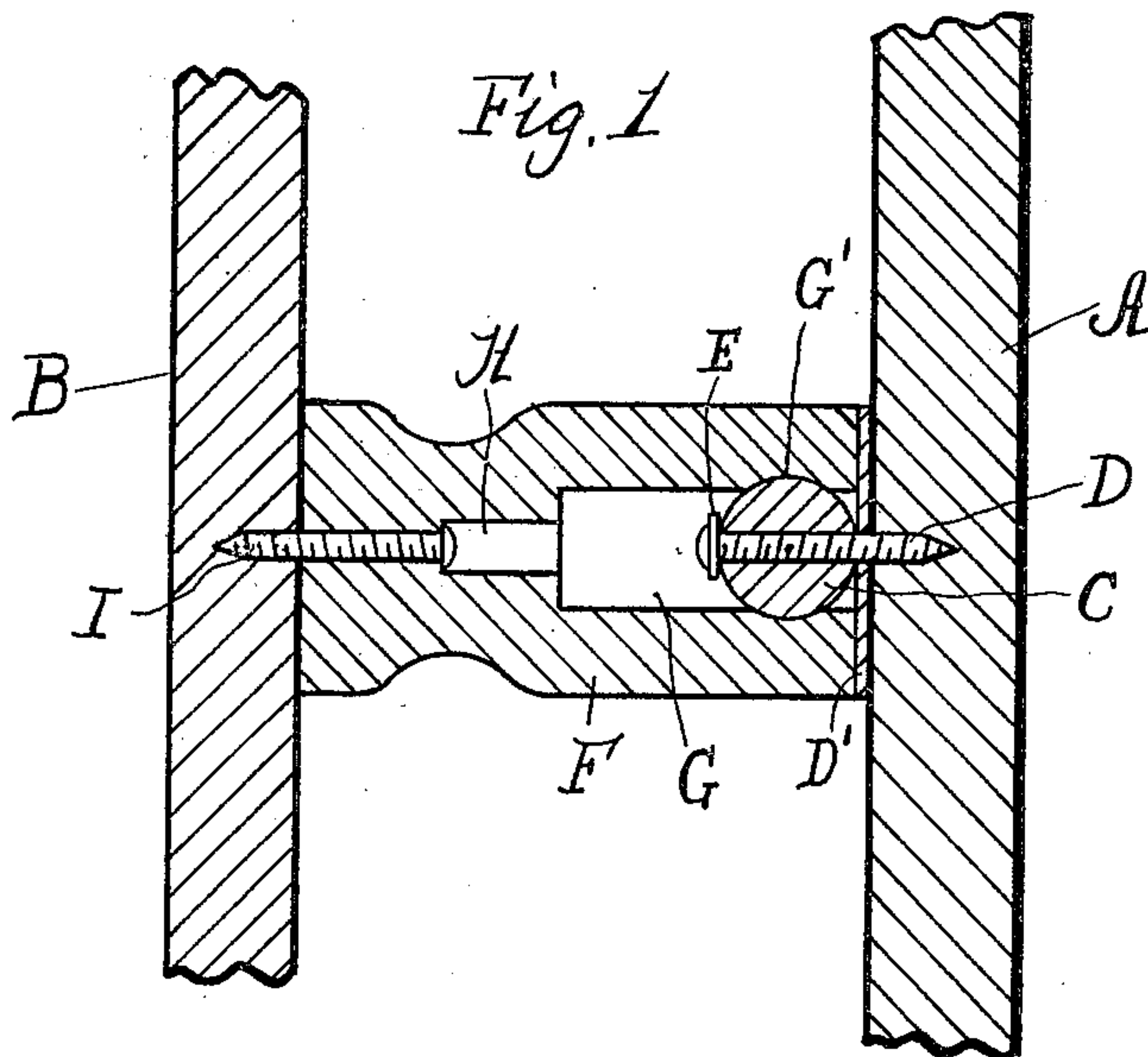
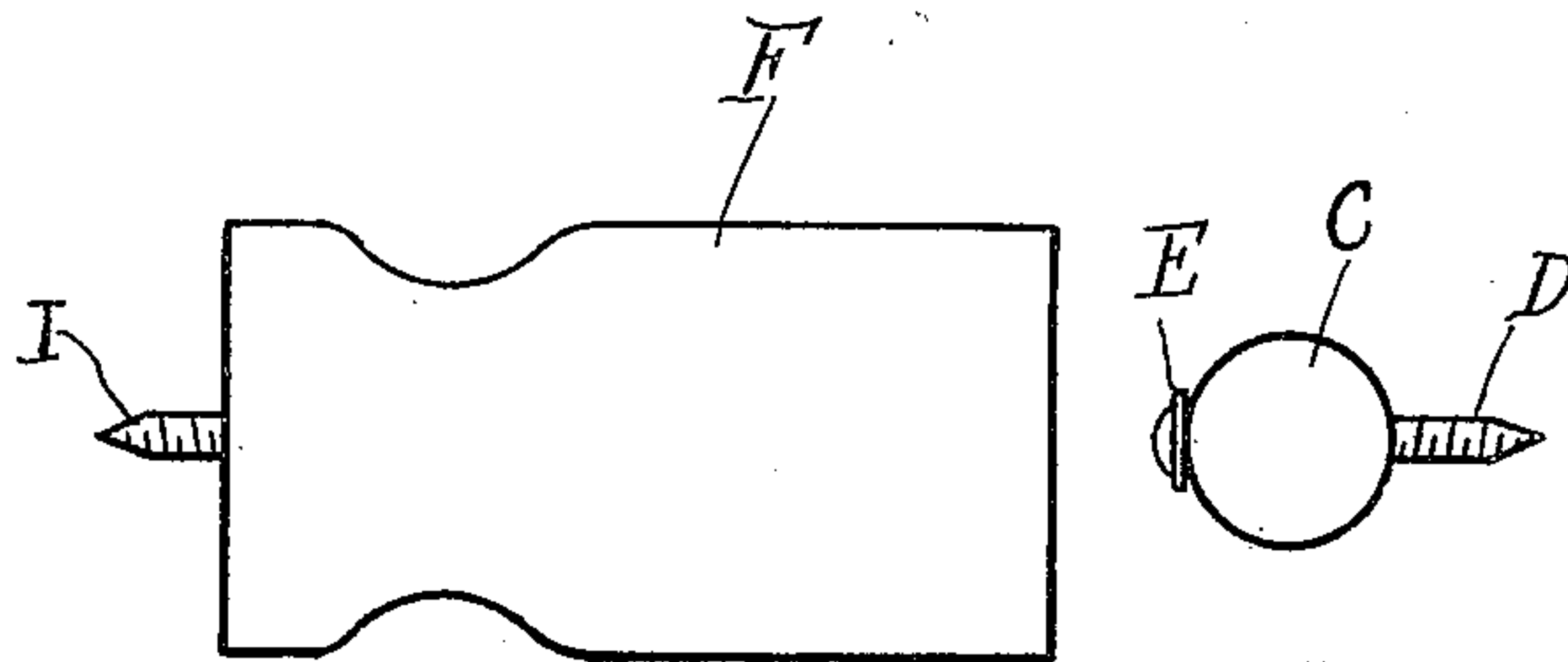


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

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DOOR CHECK AND BUFFER.

No. 922,185.

Specification of Letters Patent.

Patented May 18, 1909.

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To all whom it may concern:

Be it known that I, JOHN C. PETERMAN, a citizen of the United States, residing at Olney, county of Philadelphia, and State of Pennsylvania, have invented a certain new and useful Improvement in Door Checks and Buffers, of which the following is a specification.

My invention relates to a new and useful improvement in combined door stops and stays, and has for its object to provide an exceedingly simple and effective device of this character which will be inexpensive in manufacture and effective in operation.

A further object of my invention is to provide a door stop and stay which may be readily and easily placed in position and one which may be readily adjusted so that when the door is open it would be prevented from blowing closed.

A still further object of my invention is to provide a device of this character which will not be unsightly when applied to a door.

With these ends in view, this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction in detail, referring by letter to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a longitudinal sectional view of my device applied to a washboard and door showing the parts engaged, and Fig. 2, a view in elevation of my device the parts being separated.

In carrying out my invention as here embodied, A represents a door and B the washboard or wall of a room.

C is a rubber ball through which passes the screw D for securing said ball to the door A, and in order that the screw will be prevented from sinking into the ball a washer E is provided which is placed upon the screw between the head thereof and the ball.

D' indicates a rubber washer which is placed between the ball C and the door A for the purpose to be hereinafter described.

F indicates a stop which may be of any

desired shape or size but which is preferably circular in cross section, and in the outer end of this stop is formed an opening G, the sides of which have a groove G' formed therein near its outer end, so that when the rubber ball engages with the opening G it will fit snugly in the groove G', and leading from the opening G is another smaller opening H into which passes the screw I for securing the stop to the washboard or wall B. By placing the screw I into the opening H and threading it into the washboard or wall said screw is prevented from pulling out of the stop.

Should the ball C be used a great deal and become worn so that it does not snugly fit in the opening G the screw D may be threaded further into the door thus contracting the ball C between the door and the head of the screw and expanding it in the opposite direction thus again producing a tight fit between the ball and the opening G.

In practice the stop F is fastened to the washboard or wall B by the screw I and the ball C is attached to the door by the screw D in alinement with the opening G formed in the stop, so that when the door is open the ball C will enter the opening G of the stop and at the same time the door will butt against the outer end of the stop, in this manner the stop will prevent the door knob from coming in contact with the plaster of the wall, at the same time the rubber washer D' will prevent the stop F from marring the door, and the ball tightly fitting in the opening G will prevent the door from closing until a great amount of pressure is brought to bear upon the door.

Of course I do not wish to be limited to the exact details of construction here shown as these may be varied within certain limits without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful, is—

In a combined door stop and stay, a stop formed from some suitable material having an opening in its outer end from which extends a smaller opening, a screw adapted to pass into the smaller opening and be threaded into the washboard or wall, a rubber ball, a screw passing through said rubber ball for

attaching it to the door in alinement with the
larger opening, a rubber washer adapted to
be placed between the rubber ball and the
door, and a washer situated between the ball
5 and the head of the screw so as to prevent the
head of said screw entering the ball, as shown
and described.

In testimony whereof, I have hereunto af-
fixed my signature in the presence of two
subscribing witnesses.

JOHN C. PETERMAN.

Witnesses:

BRUNO WIEGAND,
JOHN W. SHEUM.