

(No Model.)

W. M. COATS.
DOOR STOP.

No. 518,343.

Patented Apr. 17, 1894.

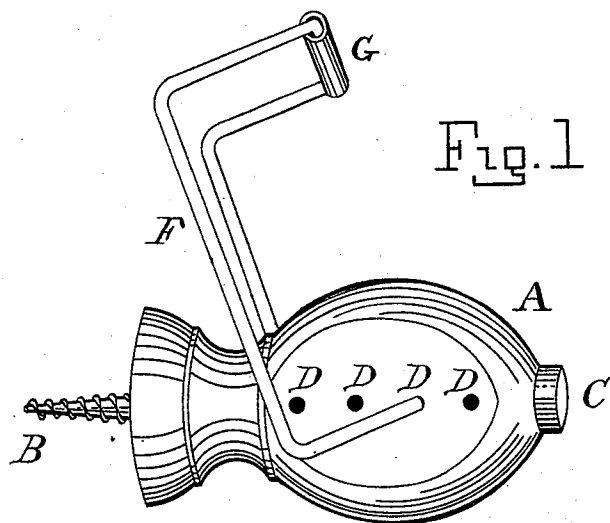


Fig. 1

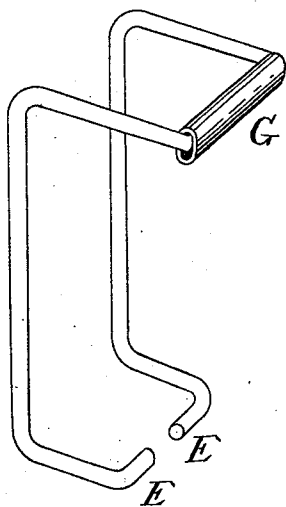


Fig. 2

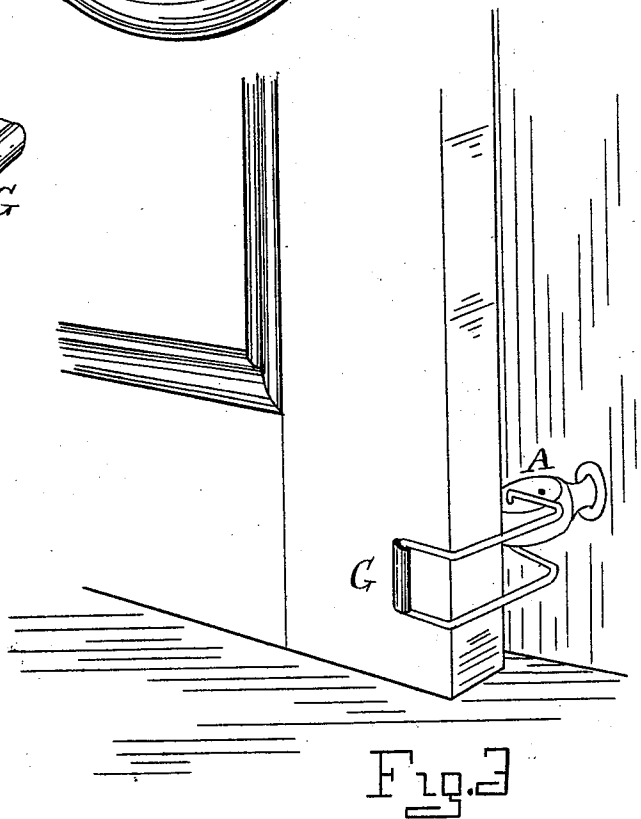


Fig. 3

Witnesses

Bernice A. Wood
Chas. B. Hyer

Inventor

Wallace M. Coats
by John Wedderburn
his Attorney

UNITED STATES PATENT OFFICE.

WALLACE M. COATS, OF HILLSDALE, IOWA.

DOOR-STOP.

SPECIFICATION forming part of Letters Patent No. 518,343, dated April 17, 1894.

Application filed July 26, 1893. Serial No. 481,508. (No model.)

To all whom it may concern:

Be it known that I, WALLACE M. COATS, a citizen of the United States, residing at Hillsdale, in the county of Mills and State of Iowa, have invented certain new and useful Improvements in Door-Stops; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same.

My invention relates to door-stops, the object of my invention being to provide a device which can be secured to a wall against which the door would otherwise contact when
15 thrown wide open, and which will serve the two-fold purpose of stopping the door and preventing contact with the wall, and also retain it wide open when required.

My invention more particularly resides in the novel, combination, construction and arrangement of parts hereinafter fully specified and pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of my device detached from the wall. Fig. 2 is a perspective view of the
25 hook removed from the holder, and Fig. 3 is a perspective view showing the device retaining a door open.

My combined door bumper and holder consists of a suitably shaped block A of wood or other suitable material adapted to be secured to a wall by a screw B, and furnished at its outer or bumping end with a block or button C of rubber or similar material secured to the
30 block A. The upper and lower sides of the block A are flattened and are provided with holes or sockets D in series arranged longitudinally of the block, which receive the bent ends E of the hook or holder F. This holder
35 is preferably formed of stout spring-wire, the central portion of which is first bent to form three sides of an oblong, the two opposing sides of which oblong are then bent in a plane at right angles to the plane of the oblong, ex-

tending to a distance about twice the thick- 45
ness of an ordinary door, are then bent backward so their directions are opposite and parallel to their original directions, and finally are bent inward so that their ends approach each other, and almost meet. 50

The holder being made of spring wire its ends may be sprung apart to take over the flat surfaces of the block A, until the ends come over whichever pair of the sockets D it is desired to place them in. When used with
55 a thick door, the ends of the holder are placed in the outer sockets.

Over the central part of the spring holder, or that part which comes in immediate contact with the side of the door, I place a tube
60 G of rubber or similar protective material.

When the device is used merely as a bumper, the spring hook is swung back in its socket bearing, and when it is desired to retain the door against the bumper, the spring hook is
65 brought forward until its front side comes before the front surface of the door, which is thus held between the rubber block C, and the rubber tube G.

Having thus fully described my invention, 70
what I claim, and desire to secure by Letters Patent, is—

In a door-stop, the combination of a block having sockets arranged in series for adjustment, an elastic or yielding button mounted
75 in the block, a spring-wire hook-shaped holder having its ends adjustably and removably received in a pair of said sockets, a yielding covering for the holder, and means for securing the device to a wall, substantially as described. 80

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WALLACE M. COATS.

Witnesses:

MARY FAIRBROTHER,
JAMES B. HAYNES.