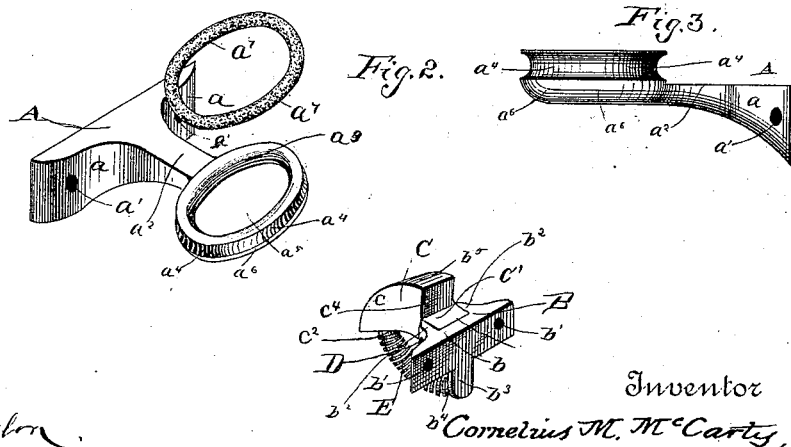
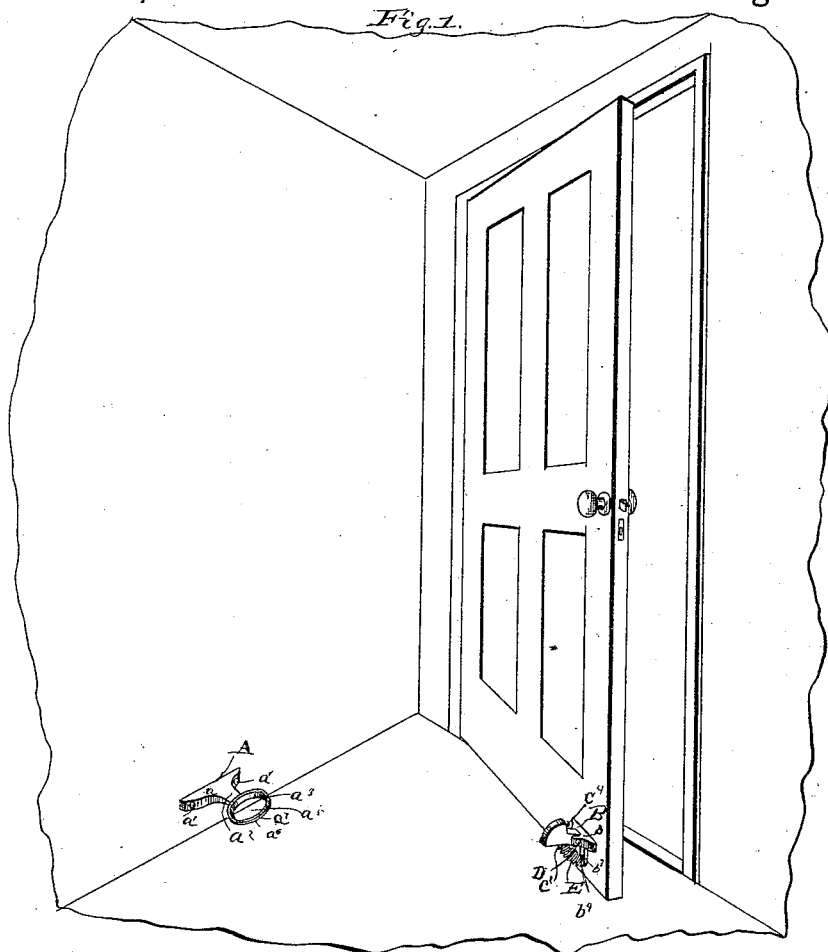


(No Model.)

C. M. McCARTY.
DOOR CHECK AND HOLDER.

No. 348,031.

Patented Aug. 24, 1886.



Witnesses

Chas. L. Taylor.

Chas. N. Moore.

Inventor

^{b4} Cornelius M. McCarty,

By his Attorneys

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

CORNELIUS MILFORD McCARTY, OF ROMNEY, WEST VIRGINIA, ASSIGNOR
TO JAMES WIRGMAN, JR., OF SAME PLACE.

DOOR CHECK AND HOLDER.

SPECIFICATION forming part of Letters Patent No. 348,031, dated August 24, 1886.

Application filed July 13, 1886. Serial No. 207,930. (No model.)

To all whom it may concern:

Be it known that I, CORNELIUS MILFORD McCARTY, a citizen of the United States, residing at Romney, in the county of Hampshire and State of West Virginia, have invented a new and useful Improvement in a Combined Door Stop and Holder, of which the following is a specification.

The object of my invention is to provide an attachment for doors, which shall prevent the door from striking the wall when thrown wide open, and which shall hold the door in open position when desired.

To the above purposes my invention consists in certain peculiar and novel features of construction and arrangement, as hereinafter described and claimed.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a view showing my improvement in operative position upon a door and wall. Fig. 2 illustrates the parts of the device in detached condition. Fig. 3 is a side elevation of the stop with its ring removed.

In the said drawings, A designates the part of my improved stop and holder, which is to be attached to the wall or wash-board of an apartment contiguous to the door, and B designates the part which is to be attached to the door.

The part A, which acts as the stop, consists of a base, *a*, having holes *a'* to receive screws, by which the stop is attached to the wall or wash-board. A stem or neck, *a''*, extends outward from the base *a*, and terminates at its outer end in an open annular head, *a'''*, as shown. This head is formed with a peripheral groove, *a''''*, to receive a rubber ring, *a'''''*, said ring, by virtue of its elasticity, fitting securely within the groove, and being of such thickness as to project outward beyond the edges of said groove. The under side of the head is beveled off between the lower margin of the groove *a''''* and the lower edge of the opening *a'''''* of the head, as shown at *a''''''*.

B represents the base-plate or keeper, which is provided with openings *b'* near its ends, to admit screws to secure it to the door, and is also provided with outwardly-extending ears

or lugs *b''*, and with a downwardly-extending arm, *b'''*.

C represents the catch, which is rounded on its outer and upper side, as at *c*, and is provided on its inner side, at its lower corner, with an arm, *C'*, which enters the space between the lugs or ears *b''*, and is pivoted upon a pin, D, which extends transversely through aligned openings that are made in the said ears or lugs and the said arm. From the under side of the catch C, near the outer end thereof, depends a stud, *c''*. A similar stud, *b''''*, projects outwardly from the arm *b'''* of the keeper or base-plate.

E represents a coiled extensile spring, which has one end secured on the stud *b''''*, and the other end secured on the stud *c''*. The function of this spring is to normally retain the catch in the position indicated in the accompanying drawings. The inner end of the arm *C'* of the catch bears against the front side of the base-plate or keeper, and thus prevents the catch from rising above a horizontal position; but the said catch may be moved downwardly by any force sufficient to overcome the resistance of the spring, as will be very readily understood. The space on the rear side of the catch above the arm *C'* forms a shoulder, *c''''*.

The operation of my invention is as follows: When the door is thrown wide open, the curved side of the catch strikes the rubber ring *a'''''*, and the catch is forced down against the resistance of the spring and passes down upon the beveled portion *a''''''* of the head *a'''* until the curved portion of the catch clears the same, when the spring raises the catch in the opening *a'''''* of the head. The shoulder *c''''* then engages the side of the said opening and prevents the door from being accidentally closed. The function of the rubber ring *a'''''* is to deaden the sound when the door is opened, and also to prevent injury to the arm and to the door.

A door stop and holder thus constructed is cheap and simple, is strong and durable, and is very efficient in operation.

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

1. The combination, with an open head secured to the wall or wash-board, and a rubber ring surrounding said head, of a pivoted

catch having a shoulder to engage the opening of said head and a spring for maintaining such engagement, the said catch being attached to the door, substantially as described.

5 2. The combination, with the vase a , having stem a^2 , and open head a^3 , provided with groove a^4 and bevel a^6 , of the rubber ring a^7 , fitting into and projecting from said groove, substantially as described

10 3. The combination, with the base plate or keeper having the ears or lugs b^2 , of the catch having the curved outer and upper side, the arm pivoted between the lugs or ears, and the shoulder c^4 at its rear side, and the spring bearing under the said catch, for the purpose
15 set forth, substantially as described.

4. The base a , having the annular open head, in combination with the keeper B , the catch pivoted thereto and adapted to engage the head, and the spring bearing under the catch, 20 for the purpose set forth, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CORNELIUS MILFORD McCARTY.

Witnesses:

WM. F. DAVIS,
LAWRENCE POLING.

Correction in Letters Patent No. 348,031.

It is hereby certified that Letters Patent No. 348,031, granted August 24, 1886, upon the application of Cornelius Milford McCarty, of Romney, West Virginia, for an improvement in "Door Checks and Holders," was erroneously issued to James Wirgman, Jr., as assignee, whereas said Letters Patent should have been issued to the said *Cornelius Milford McCarty and James Wirgman, jr.*, said Wirgman, jr., being assignee of one-half interest only; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 14th day of September, A. D. 1886.

[SEAL.]

D. L. HAWKINS,
Acting Secretary of the Interior.

Countersigned:

R. B. VANCE,
Acting Commissioner of Patents.