(No Model.)

C. M. ELKINS.

DOOR CHECK AND HOLDER.

No. 368,657. Patented Aug. 23, 1887.

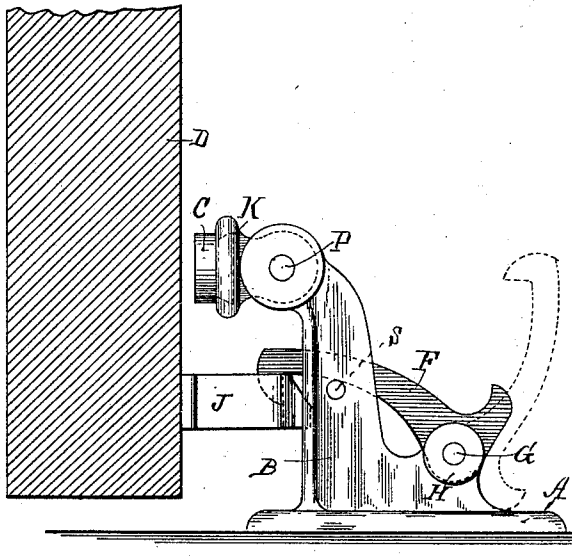


Fig. 1.

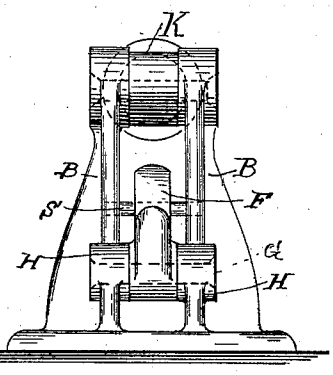


Fig. 2.

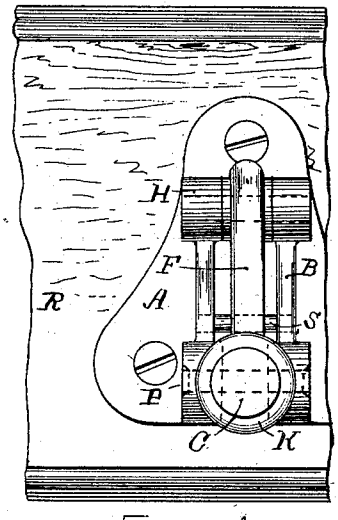


Fig. 4.

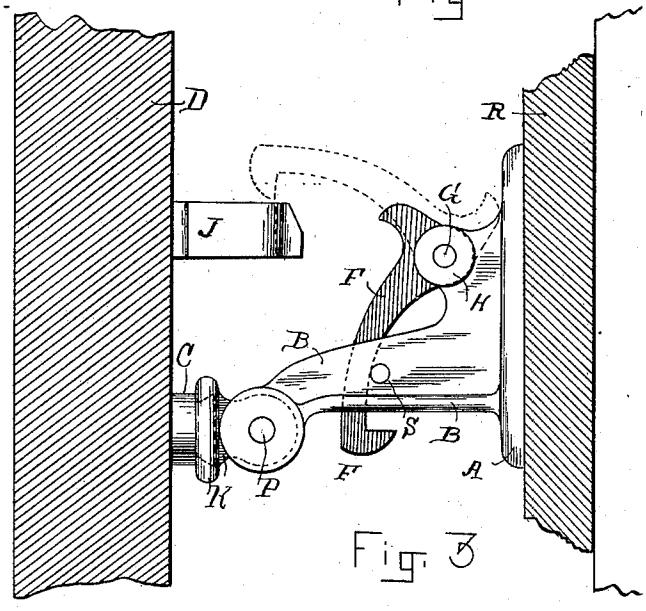


Fig. 3

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UNITED STATES PATENT OFFICE.

CHARLES M. ELKINS, OF WAKEFIELD, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO WELDON F. WESTON, OF MATTEAWAN, NEW YORK.

DOOR CHECK AND HOLDER.

SPECIFICATION forming part of Letters Patent No. 368,657, dated August 23, 1887.

Application filed November 13, 1886. Serial No. 218,762. (No model.)

To all whom it may concern:

Be it known that I, CHARLES M. ELKINS, of Wakefield, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in a Combined Door Stop and Catch, of which the following, taken in connection with the accompanying drawings, is a specification.

This invention consists in the combination of a buffer or yielding stop for a door and an automatic catch which may be readily thrown into or out of action. These devices are shown as mounted on a base affixed to the floor or wall in the desired relation to the door, and will commonly be used in connection with a suitable spring for closing the door.

In the drawings, Figure 1 represents in side elevation my device affixed to the floor, with the catch engaged and the door in section. Fig. 2 is a rear view of the same. Fig. 3 shows the arrangement of the device when applied to the wall or chair-rail, and Fig. 4 is a top view thereof.

A is the base of the device, on which is erected the standard B, having at its upper end the yielding buffer C, suitably secured in position to project somewhat in advance of the standard to form a noiseless stop for the opening door D.

The drawings show the preferred construction, the standard being made double, or of two parallel members, B B, cast in one with the base. Between these, at their upper ends, is pivoted a socket-block or casting, K, having a dovetail recess to receive and retain the buffer C, and made adjustable frictionally on its pivot P, so as to project forward parallel with the base, as in Fig. 1, or outwardly therefrom, as in Fig. 3.

The buffer is preferably a block of vulcanized rubber projecting from the casting at the top of the standard, but felt or other like substance may be substituted, if desired.

F represents a hook or catch pivoted at G, between lugs H, erected on the base. This catch, as here shown, projects forward between the buffer-standards B B into position to engage with a corresponding catch or socket plate, J, fastened to the door, so as to hold the door open when desired. When it is not desired to have these catches engage, the pivoted hook F may be turned upon its pivot, into the position shown in dotted lines, Fig. 1, in which position it is dormant and noiseless during such time as the door is not to be fastened open, the buffer meanwhile performing its ordinary functions. By a touch the working position is restored and the catches will again engage. A suitable rest or stop, S, may be formed on the standard B or lug H to hold the hook F in proper position to engage automatically.

Without change in the relative position of the parts shown, except to give the buffer a quarter-turn on its pivot P, my device may be affixed to the wall or chair-rail R, to operate in the same manner as has been described, except that the hook F will then hang downwardly and be dormant, unless raised to engage with the socket J, as indicated in Fig. 3.

I claim as my invention—

The described door-check, consisting of a standard provided at its upper end with a yielding buffer mounted in a socket-block for partial rotation, in combination with a pivoted catch adapted to engage with a socket on the door and to be thrown back out of engagement when desired, for the purpose set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 15th day of October, 1886.

CHARLES M. ELKINS.

Witnesses:

A. H. SPENCER,

GEORGE S. LITTLEFIELD.