W. D. TAUBERT.

DOOR CATCH.

APPLICATION FILED FEB. 2, 1909.

947,865. **Patented Feb. 1, 1910.**

Fig. 1

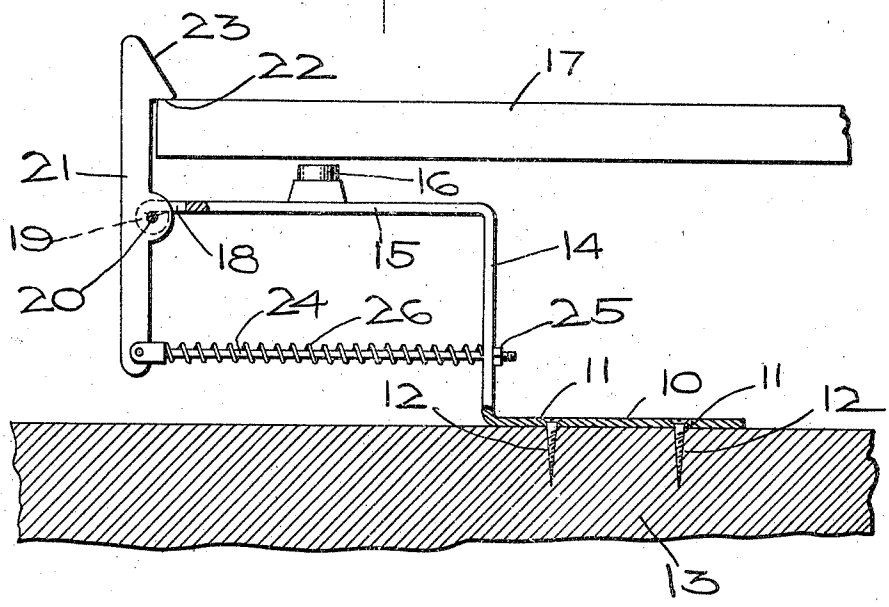
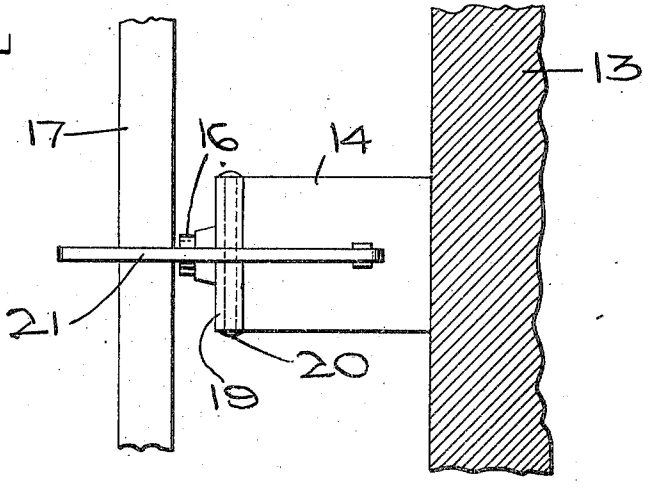


Fig. 2



Inventor

William D. Taubert

Witnesses

Ed. P. Lusby

E. L. Chandlee

By *Woodward & Chandlee*

Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM D. TAUBERT, OF NORTH REDWOOD, MINNESOTA.

DOOR-CATCH.

947,865. Specification of Letters Patent. Patented Feb. 1, 1910.

Application filed February 2, 1909. Serial No. 475,609.

To all whom it may concern:

Be it known that I, WILLIAM D. TAUBERT, a citizen of the United States, residing at North Redwood, in the county of Redwood and State of Minnesota, have invented certain new and useful Improvements in Door-Catches, of which the following is a specification.

This invention relates to builders' hardware, and has special reference to a device which is adapted to catch and hold doors in an open position.

An object of this invention is the provision of a device of this character which is adapted to be secured to a wall adjacent a door for the purpose of catching the door and retaining the same in an open position.

Another object of this invention is the provision of a device of this character which is of simple construction, which is strong and durable and one which can be economically manufactured.

The invention has for a further object the provision of a device of this character which is so constructed as to prevent the sudden jar of the door when the same is thrown violently in an open position.

Other objects and advantages will be apparent from the following description and it will be understood that changes in the specific structure shown and described may be made within the scope of the claims without departing from the spirit of the invention.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a top plan view of the device disclosed as being in position and having a door engaged therewith, and Fig. 2 is an end elevation of the same.

Referring to the drawings, the device comprises a metallic strip which is so bent as to form a base portion 10 which is provided with a plurality of apertures 11 through which are adapted to be passed screws 12 or the like for the purpose of securing the base portion 10 to a wall 13. The base portion 10 is provided with an outwardly extended flange 14 at one end which supports an abutment 15 extended outwardly therefrom in parallel with the base portion 10. The abutment 15 is provided upon its outer face with a bumper 16 which is composed of rubber or like resilient material and against which the door 17 is adapted to engage. The outer extremity of the abutment 15 is recessed as at 18 and is provided with inturned circularly-formed edges 19 to form bearings for a pintle 20 which pivotally supports a lever 21 which is passed through the recess 18. The lever 21 is fulcrumed at its central portion and is provided with a shoulder 22 upon its outer extremity and a beveled face 23 positioned adjacent said shoulder 22. The inner extremity of the lever 21 is pivotally secured to a rod 24 which extends inwardly and slidably engages through an aperture formed in the flange 14 and is held in such position by means of an adjusting nut 25. The rod 24 is provided with a coil spring 26 which is disposed thereabout between the inner extremity of the lever 21 and the outer face of the flange 14 for the purpose of normally holding the outer extremity of the lever 21 in an inward position.

The operation of the device is as follows: When the door 17 is thrown into an open position the outer edge thereof is engaged against the beveled face 23 and thereby causes the outward swinging motion of the lever 21 against the tension of the spring 26 which is impinged against the outer face of the flange 14 thereby causing the sliding of the rod 24 through the flange 14. When the door 17 is engaged against the bumper 16 the outer edge thereof is carried past the shoulder 22 and the spring 26 is then permitted to actuate the lever 21 and to throw the outer extremity thereof inwardly against the edge of the door and to thereby bring the shoulder 22 against the outer face of the door to prevent the return of the same. To release the door 17 the lever 21 is thrown outwardly and the door is drawn from engagement with the bumper 16. When the door is released and the lever 21 is permitted to return to its normal position it is held in operative position by means of the adjusting nut 25 which engages the inner face of the flange 14 and prevents the sliding of the rod 24 from the aperture formed through the flange 14. It is readily seen that by the employment of the adjusting nut 25 the lever 21 may be positioned normally at various angles according to the requirements and the position of the device against the wall.

What is claimed is:—

A device of the character described comprising a strip of sheet metal bent to form

a base, a flange outwardly extended from said base, and an abutment outwardly extended from the outer extremity of said flange, a bumper mounted upon the outer face of said abutment, a lever pivotally supported in the outer extremity of said abutment, a rod pivotally carried upon the inner extremity of said lever, said rod extended inwardly through said flange, an adjusting nut mounted upon the inner extremity of said rod, a coil spring disposed about said rod between said lever and said flange, a shoulder formed upon the outer extremity of said lever and a beveled face formed upon said lever adjacent said shoulder.

In testimony whereof I affix my signature, in presence of two witnesses.

WILLIAM D. TAUBERT.

Witnesses:
CHAS. FLEISCHER,
OSCAR SIMONDET.