No. 886,503. PATENTED MAY 5, 1908.

J. B. HIGHTOWER.

COMBINED DOOR HOLDER AND BUMPER.

APPLICATION FILED JAN. 2, 1908.

Fig. 1.

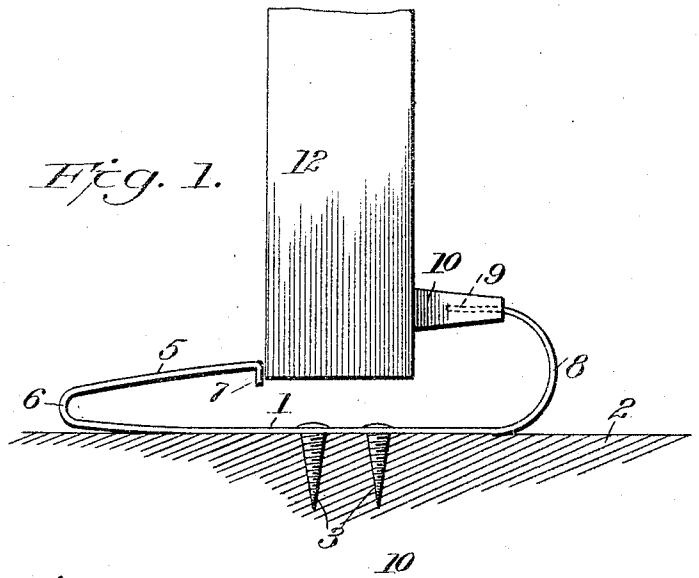


Fig. 2.

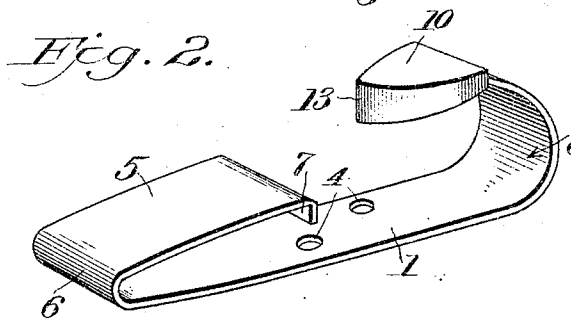


Fig. 4.

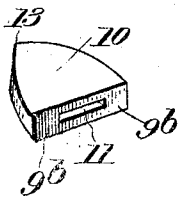
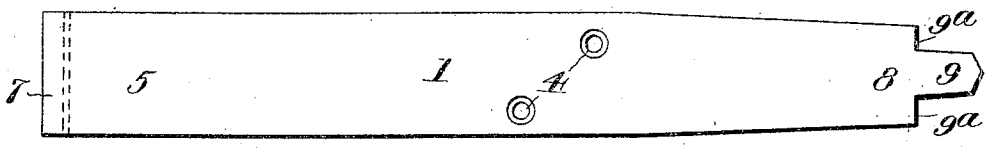


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

JOSEPH B. HIGHTOWER, OF AIKEN, SOUTH CAROLINA.

COMBINED DOOR HOLDER AND BUMPER.

No. 886,503. Specification of Letters Patent. Patented May 5, 1908.

Application filed January 2, 1908. Serial No. 409,097.

To all whom it may concern:

Be it known that I, JOSEPH B. HIGHTOWER, a citizen of the United States, residing at Aiken, in the county of Aiken and State of South Carolina, have invented certain new and useful Improvements in a Combined Door Holder and Bumper, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a combined door holder and bumper, and has for its object, the provision of means for facilitating the holding of a door in an open or adjusted position.

Another object of the invention is the construction of a combined door holder and bumper provided with a detachable bumper-member carried by a yieldable support.

With these and other objects in view, the invention consists of certain novel constructions, combinations, and arrangements of parts, as will be hereinafter fully described and claimed.

In the drawings: Figure 1 is a view in side elevation of a device constructed in accordance with the present invention. Fig. 2 is a perspective view of the structure depicted in Fig. 1. Fig. 3 is a plan view of a sheet-metal blank, which, when folded, produces the main portion of my device. Fig. 4 is a perspective view of the bumper-member.

Referring to the drawings by numerals, 1 designates, preferably, a flat body portion, which is secured to the floor 2 by any suitable fastening means 3, as for instance, screws passing through apertures 4. A holder-portion 5 is integral, at 6, with the front end of the body portion 1, and said holder portion terminates at its rear end in a downwardly-extending lip or flange 7.

The rear end of the body or plate 1 terminates in a curved, yieldable support 8, which support is integral, at its lower end with said base or body 1, and is provided at its upper end with an integral tongue or tenon 9. The bumper-member 10 is provided with a socket or recess 11, Fig. 4, into which the tongue 9 extends when the bumper-member is positioned upon the yieldable support.

When the door 12 is in an open position, it is normally positioned between the rear end of the holder portion 5 and the front end of the bumper-member 10. When the door is opened, it engages the holder 5 and the bottom of said door passes over the same and the inner or rear face of the door engages the front end 13 of the bumper-member. The bumper 10 may be formed of any suitable hard material, or may be formed of rubber for providing a yieldable surface to be engaged by the door. However, as the bumper-member is, preferably, flat and provided with the elongated recess or socket 11, a very durable support is provided therefor, by positioning in said recess or socket 11, the flat tongue 9, which produces shoulders 9^a upon each side of said tongue, bearing against edge 9^b of the rear end of the bumper-member, providing a greater bearing surface to take up the shock of the door 12 coming in contact with the front end 13 of the bumper-member 10.

It is to be noted that I have provided a very efficient structure, which can be manufactured very cheaply, and which is of great utility.

My bumper comprises the yieldable support 8 and the detachable bumper-member 10, said support being capable of yielding for relieving the shock thereon when the door is opened with much force, or when it contacts therewith. When it is desired to close the door, all that is necessary is to have the operator press downward on the holder-portion 5 and swing the door away from said device.

What I claim is:

1. A device of the character described, comprising a flat base terminating at its front end in a holder-portion bent back upon the base, and said base terminating at its rear end in an upwardly-extending support, said support provided with a forwardly-extending, flat tongue, and a detachable bumper member provided with an elongated recess, the tongue extending into said recess for securing said bumper-member upon the support.

2. A device of the character described, comprising a flat base provided with apertures, said base terminating at its front end in an integral holder and at its rear end in a curved, forwardly-extending support, the support terminating at its upper end in a horizontal tongue, and a detachable bumper-member supported upon said tongue.

3. A device of the character described,

comprising a base provided with a curved yieldable support, said support terminating at its upper end in a flat tongue and provided upon opposite sides of said tongue with shoulders, a bumper-member mounted upon said tongue and having portions upon opposite sides of the tongue engaging said shoulders.

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

JOSEPH B. HIGHTOWER.

Witnesses:
L. R. WEEKS,
LILLIE F. MCGOWAN.