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(12) United States Patent Header

(54) DOOR CATCH

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(57) **ABSTRACT**

Disclosed is a door catch that can help to prevent door sag, especially for heavy or tall residential or commercial doors, and provides for post-installation catch tension adjustment without removal or adjustment of mounting members. In one aspect, the door catch can include a ball catch base, a threaded ball plunger assembly, a catch bumper, and a bumper base. In another aspect, the catch bumper and the bumper base can optionally be combined into a single catch bar bracket. The ball plunger assembly is adjustably mounted within a threaded aperture of ball catch base. A ball captive in one end of the ball plunger assembly engages a detent in the catch bumper, or catch bar bracket, providing friction to hold the door open. The position of the ball plunger assembly can be adjusted vertically to increase or decrease the tension between the detent and the ball plunger assembly.

2 Claims, 17 Drawing Sheets

