(No Model.)

J. E. MINOTT.

DOOR STOP.

No. 589,264. Patented Aug. 31, 1897.

Fig. 1.

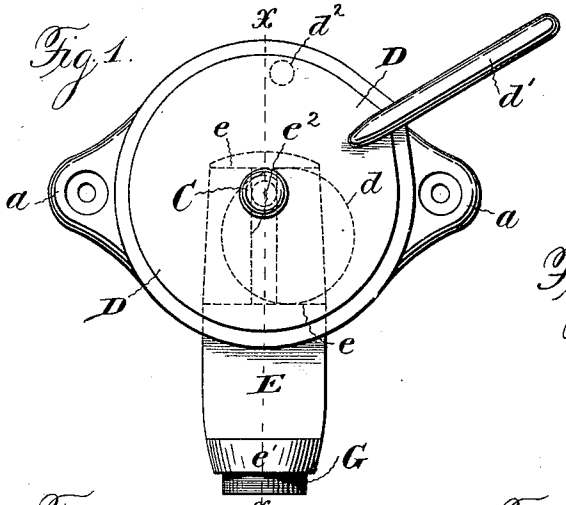


Fig. 3.

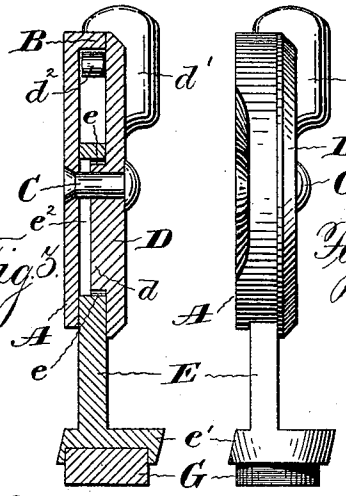


Fig. 4.

Fig. 2.

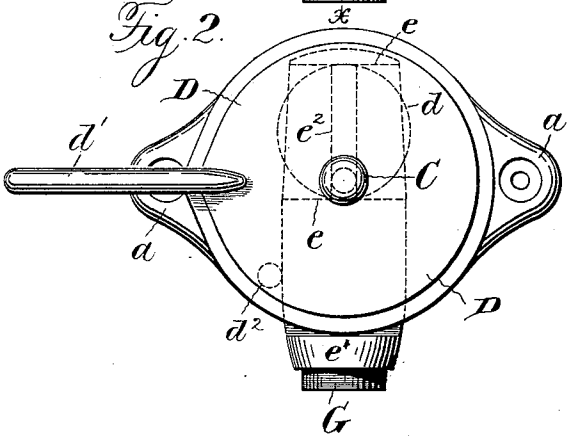


Fig. 8.

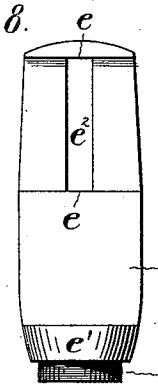


Fig. 9.

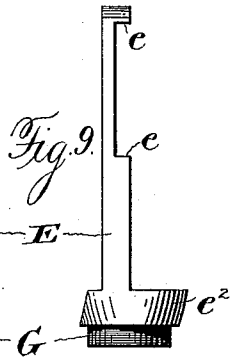


Fig. 5.

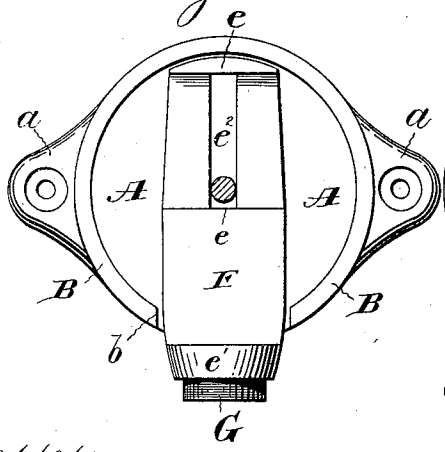


Fig. 6.

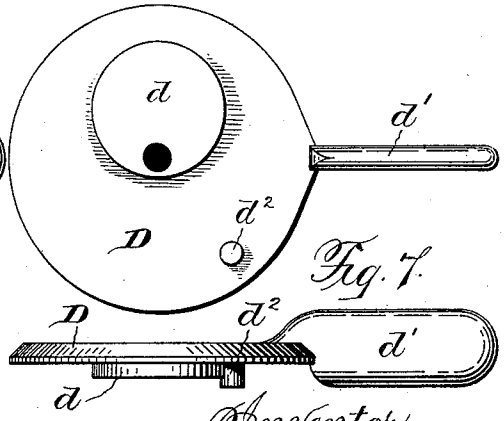


Fig. 7.

Witnesses:
Henry C. Hazard.
Jas. E. Hutchinson.

Inventor.
John E. Minott
by Pindell and Russell
his attorneys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN E. MINOTT, OF AURORA, ILLINOIS.

DOOR-STOP.

SPECIFICATION forming part of Letters Patent No. 589,264, dated August 31, 1897.

Application filed December 17, 1896. Serial No. 616,023. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. MINOTT, of Aurora, in the county of Kane, and in the State of Illinois, have invented certain new and useful Improvements in Door-Stops; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figures 1 and 2 are side elevations of my device, showing, respectively, the sliding bolt projected and retracted. Fig. 3 is a vertical section on line *x x* of Fig. 1; Fig. 4, an edge view of the same; Fig. 5, a side elevation with the rotating cap-plate removed. Figs. 6 and 7 are detail views of said plate, and Figs. 8 and 9 are detail views of the sliding bolt.

Letters of like name and kind refer to like parts in each of the figures.

The object of my invention is to provide a simple, strong, and thoroughly-efficient door-stop; and to this end said invention consists in the door-stop constructed substantially as and for the purpose hereinafter specified.

In the carrying of my invention into practice I employ a circular base-plate A, having two perforated ears *a* and *a* at diametrically opposite points, through which screws may be passed to secure said plate to the door. At its edge the base-plate has a circular flange B. Pivoted concentrically to the base-plate by a stud or rivet C is a circular plate or disk D, that is of the same diameter as and rests against the flange. Said disk D has on its inner face an eccentric *d*, that is placed between and engages shoulders *e* and *e* on a bolt or bar E. By the rotation of the disk D the bolt may be moved back and forth. Said bolt, which has a flat body with a circular enlargement or bead *e'* on its outer end, passes through a slot *b* in the base-flange B. It is also guided in its movements in a straight line by said slot and by means of an elongated straight opening or slot e^2, that engages the pivot-pin or rivet C. A block of rubber G or other suitable material is secured within a cavity in the outer end of the bolt to insure the required degree of friction upon the floor or other surface and to protect the latter from being marred or scratched.

The bolt-moving disk D is provided with a suitable operating-handle *d'*, and to limit its movement in retracting the bolt, so that the head of the latter will stop just before it strikes the casing. A stop lug or stud d^2 is provided on its inner face, which engages the side of the bolt.

Having thus described my invention, what I claim is—

1. The combination of a base-plate, a sliding bolt, means for guiding the same in a straight line, a rotary part having an eccentric to actuate said bolt, and a stop-lug, on said part to engage the bolt, substantially as and for the purpose specified.

2. In a door-stop, the combination of a base-plate having a circular flange, a sliding bolt passing through a slot in the flange, a disk pivoted to said plate concentrically therewith and resting against said flange, an eccentric on said disk engaging shoulders on the bolt, the latter having a guide-slot engaged by the disk pivot, and a stop-lug on the disk, adapted to engage the bolt, substantially as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand this 4th day of December, 1896.

JOHN E. MINOTT.

Witnesses:
GUSTAVUS WIDEMAN,
E. T. PRINDLE.