A. VOEGE.
Door-Securer.

No. 197,187. Patented Nov. 13, 1877.

Fig. 2.

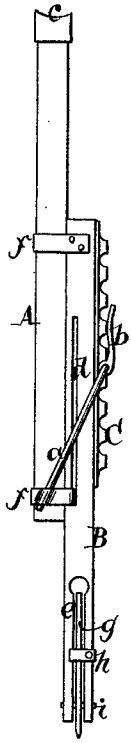


Fig. 1.

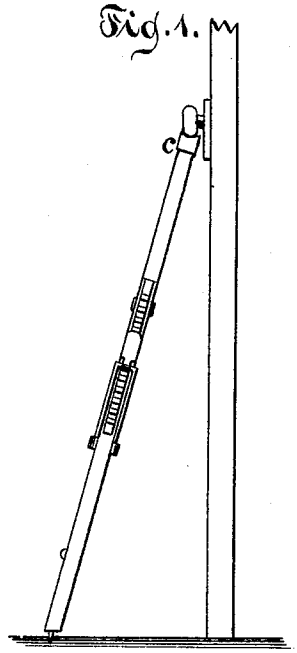


Fig. 3.

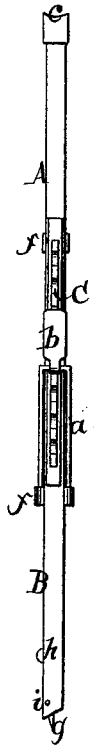


Fig. 4.

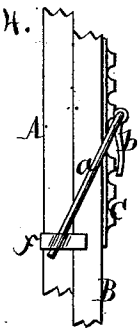
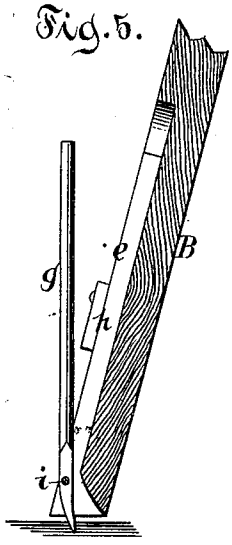


Fig. 5.



Witnesses.
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UNITED STATES PATENT OFFICE.

AUGUST VOEGE, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN DOOR-SECURERS.

Specification forming part of Letters Patent No. **197,187**, dated November 13, 1877; application filed September 18, 1877.

To all whom it may concern:

Be it known that I, AUGUST VOEGE, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and useful Improvement in Adjustable Braces or Props for Doors, Windows, &c., which improvement is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 illustrates the manner of applying the device to doors. Fig. 2 is a front view of the same. Fig. 3 is a side view of the same. Fig. 4 is a front view of a portion thereof, showing the top pawl *b* as it appears when released. Fig. 5 is a vertical section on a larger scale than the previous figure, showing the position of the retaining pin or bar *g* before it is fastened.

The object of my invention is to make an adjustable brace or prop for securely fastening from the inside doors, windows, &c., and, when desired, can be readily removed and packed in a small space, so as to be conveniently carried by travelers, all as hereinafter more fully described and claimed.

My device is constructed of one or more pieces of metal, wood, or any other suitable material, and of the required shape and size to form the bars or slides A B. These are fastened together by the metal sleeves *f*.

On the side of the slide B is the rack C, into which the reversible pawl *b* works. This reversible pawl *b* is fastened to and controlled by the spring-collar *a*, which passes around both slides A B, and is secured to the slide A at the sleeve *f*.

d is the guide-slot for retaining the spring-collar *a* in position. On the upper end of the slide A is the cap *c*, for resting against the knob of a door, and at the lower end of the slide B is a lever or retaining-pin, *g*. This pin *g* works on the pivot *i*. *e* is a recess, for holding the retaining-pin *g*. *h* is a turn-button, for keeping the pin *g* from leaving the recess *e*. This pin *g* is pointed, so as to stick into the floor.

In applying the adjustable brace or prop to doors, the lever or retaining-pin *g* should first be placed in the floor at a proper distance, as shown in Fig. 5. The slide A is drawn out until the cap *c* rests against the door-knob, as shown in Fig. 1. The brace or prop should then be tightened up until it is secure. This is done by raising the pin *g* from the position in which it was first placed (as shown in Fig. 5) and placing it in the recess *e*, and turning the button *h*, which hold the pin *g* in the recess *e*. (See Fig. 2.) By raising the pin *g* up, it acts as a lever, and throws the brace or prop forward, thus rendering it impossible to force doors open when this attachment is in use. To remove it, the reversible pawl *b* is thrown back out of gear, which releases the slide A, so that it drops back in the position it was in before use. The button *h*, on being turned back, releases the retaining-pin *g*.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

In an adjustable brace or prop, the combination of one or more slides, A B, rack C, reversible pawl *b*, spring-collar *a*, sleeves *f*, cap *c*, recess *e*, lever or retaining-pin *g*, pivot *i*, turn-button *h*, and guide-slot *d*, substantially as described, and for the purpose set forth.

In witness whereof I have hereunto set my signature this 11th day of September, A. D. 1877.

AUGUST VOEGE.

In presence of—
LOUIS W. FROST,
CHARLES G. COE.