(No Model.)

# G. G. RUPERT.

## ATTACHMENT FOR LATCHES.

No. 479,723. Patented July 26, 1892.

Fig. 1.

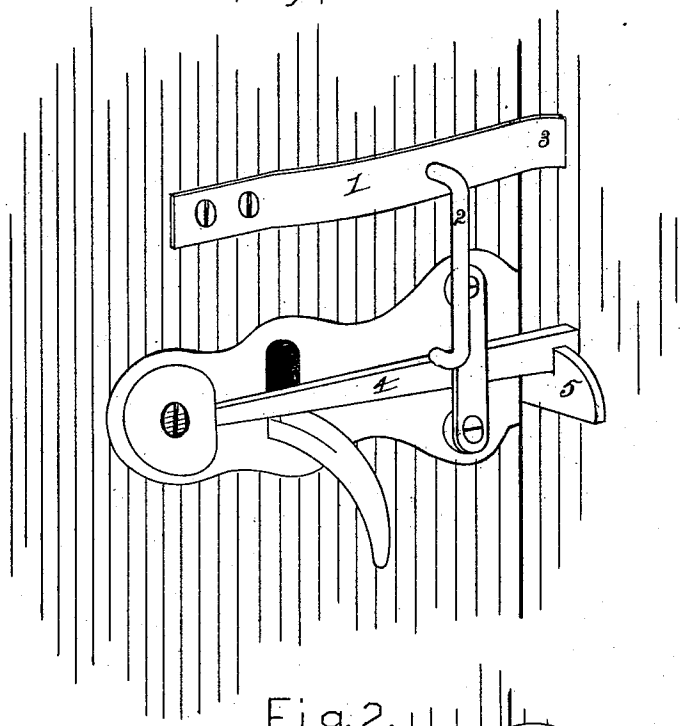



Fig. 2.

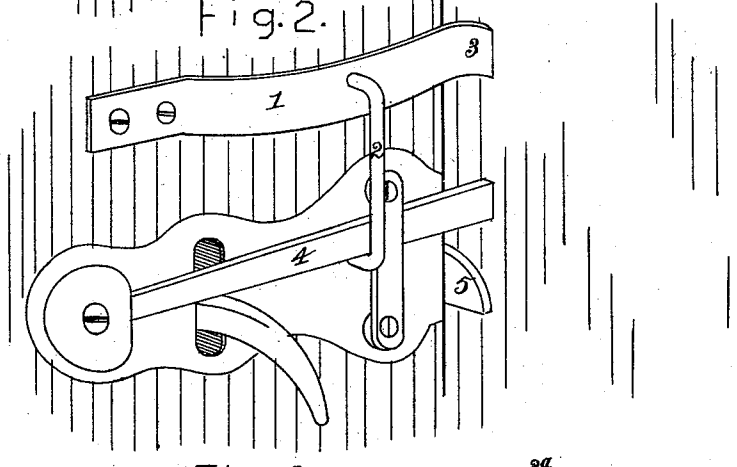
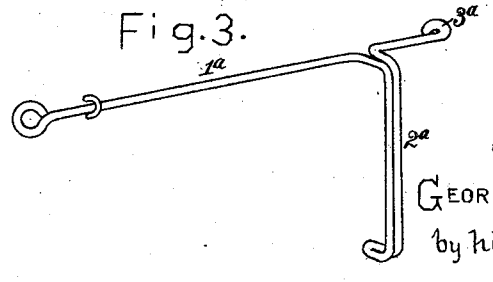



Fig. 3.




ATTEST

Helen Graham

William Graham

INVENTOR.

GEORGE G. RUPERT.

by his attorney

L. P. Graham

# UNITED STATES PATENT OFFICE.

GEORGE G. RUPERT, OF DECATUR, ILLINOIS, ASSIGNOR OF ONE-HALF TO WILLIAM H. LOGAN, OF SAME PLACE.

## ATTACHMENT FOR LATCHES.

SPECIFICATION forming part of Letters Patent No. 479,723, dated July 26, 1892.

Application filed January 8, 1892. Serial No. 417,388. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE G. RUPERT, of Decatur, in the county of Macon and State of Illinois, have invented certain new and useful Improvements in Attachments for Door-Latches, of which the following is a specification.

This invention is designed to prevent the wear of the latch and the catch, to prevent the door from rattling, to enable the door to be noiselessly closed, and to insure the operation of the latch under all circumstances.

In the drawings accompanying and forming a part of this specification, Figure 1 is a perspective representation of my attachment as it appears when the door is closed. Fig. 2 is a similar representation showing the action of the attachment on the latch when the door is not closed. Fig. 3 shows a modified form of the attachment.

The spring-bar 1 is secured to the door above the latch with its end 3 in position to bear against the door-casing. The downwardly-extending bar 2 is connected at its upper end with spring-bar 1 and is hooked at its lower end to engage and sustain the latch 4 whenever permitted so to do.

The operation of the device is simple and effective. When the door is closed, end 3 of the spring-bar bears with elastic pressure against the casing and presses latch 4 against catch 5 in a manner to prevent the door from rattling, the spring meanwhile being pressed outward sufficiently to hold the hook of bar 2 clear of the path of latch 4. When the latch is raised and the door opened, the pressure against the end of the spring is relieved and the hook of bar 2 is carried by the elasticity of the spring under the raised latch, as seen in Fig. 2. When the door is again closed, the latch is carried over the catch without striking the same, the end of the spring acts as a buffer to deaden the jar of the closing door, and the released latch drops noislessly into the catch.

The modification shown in Fig. 3 is constructed wholly of a single piece of wire. It is to be secured to the door by means of a screw and a staple. It consists of spring-bar $1^a$, bearing end $3^a$, and hook-bar $2^a$, and its operation is the same as the device shown in Figs. 1 and 2.

I claim—

A safety attachment for door-latches, consisting of a spring-bar adapted to be secured to a door and having a projecting end to engage the door-casing and a hook or latch-support secured to the spring-bar and adapted to sustain the latch when the door is not closed, as set forth.

In testimony whereof I sign my name in the presence of two subscribing witnesses.

GEORGE G. RUPERT.

Attest:

WILLIAM GRAHAM,

CHARLES S. HANKINS.