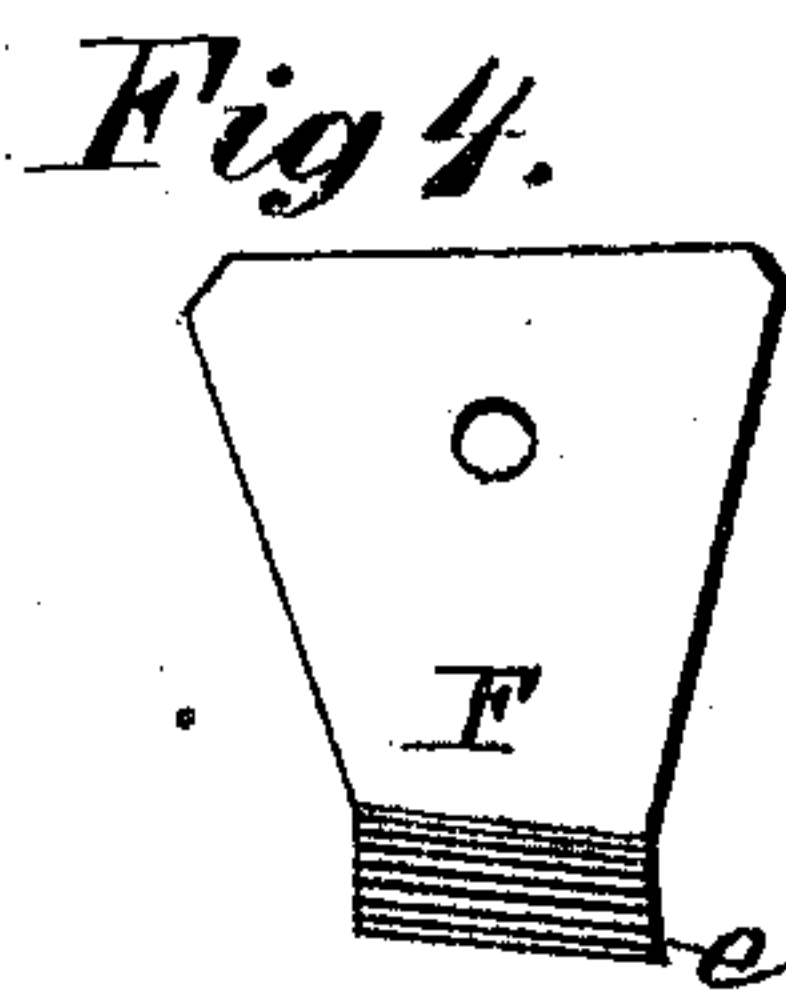
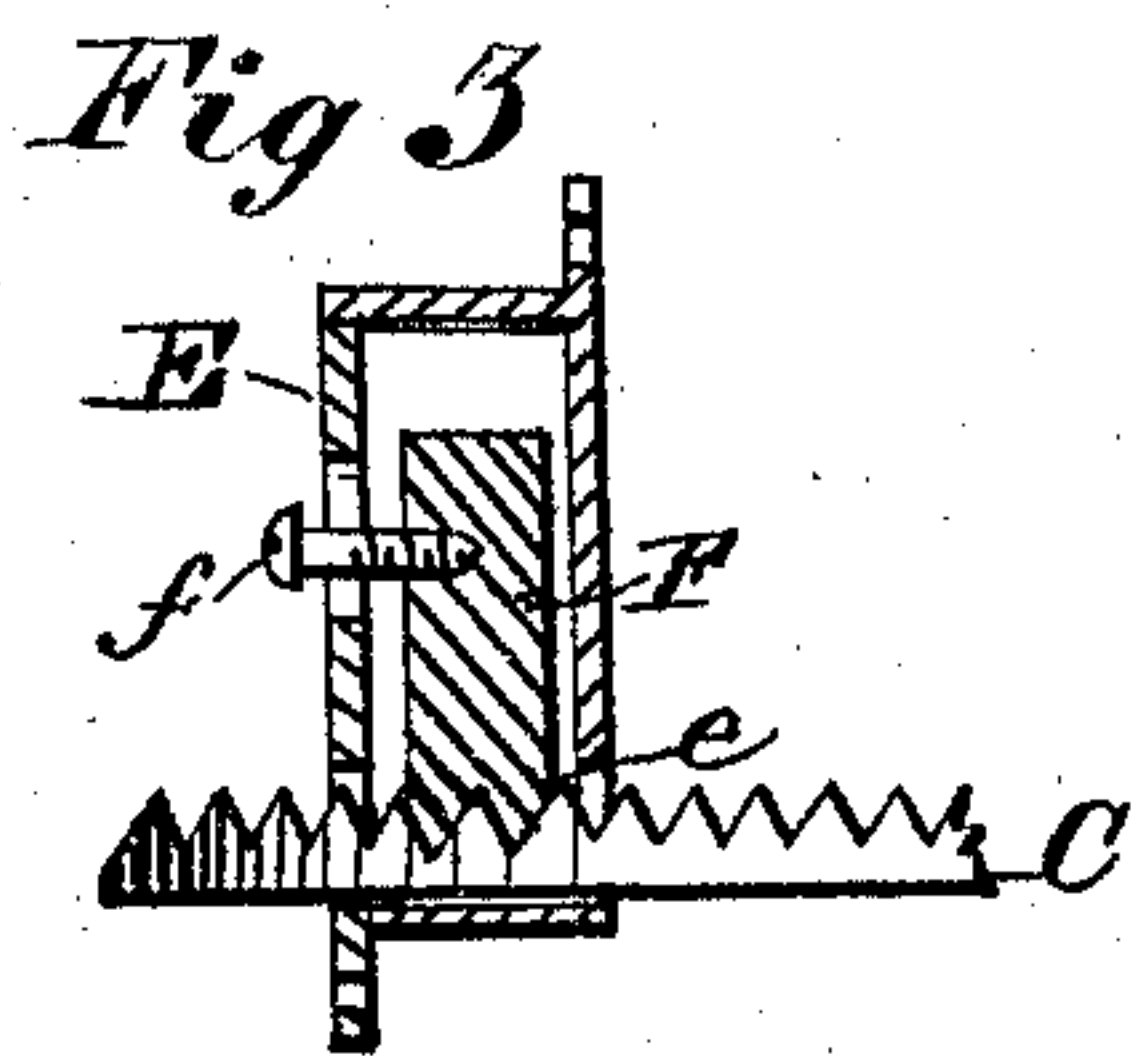
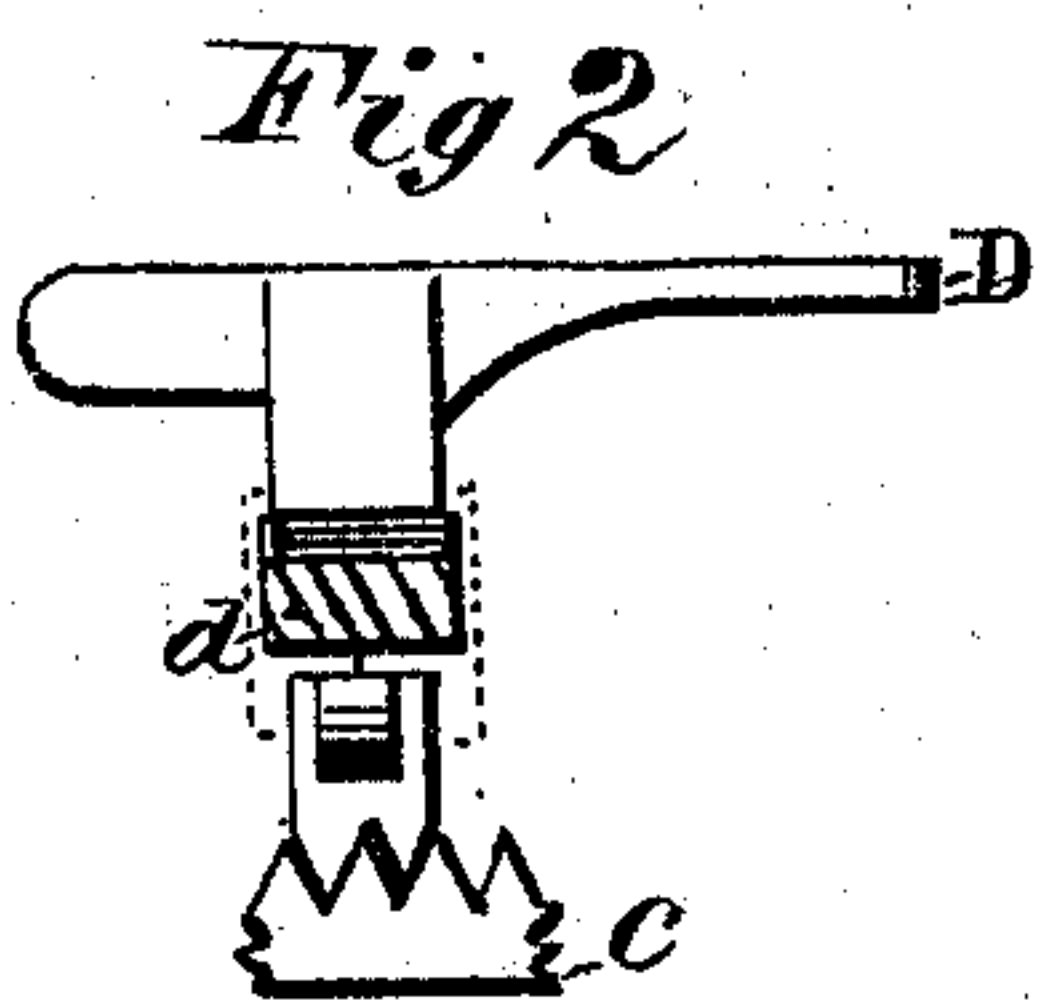
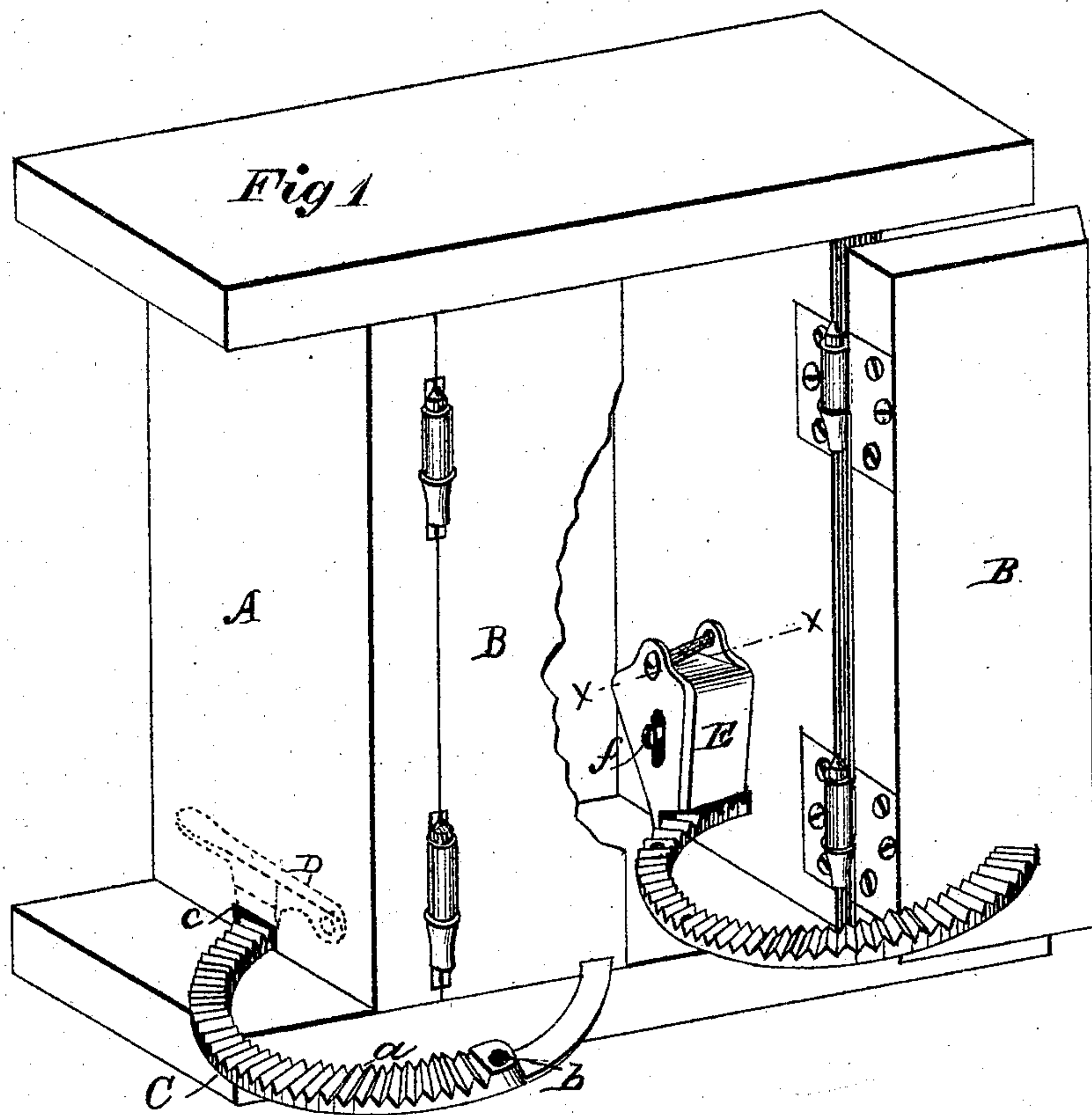


J. A. MORRIS.
Shutter-Fastenings.

No. 143,585.

Patented Oct. 14, 1873.



Witnesses
H. B. Clark.
Fred. K. Swett.

Inventor.
James A. Morris.
by Dyer, Beadle & Co.
Attys.

UNITED STATES PATENT OFFICE.

JAMES A. MORRIS, OF ATLANTA, GEORGIA.

IMPROVEMENT IN SHUTTER-FASTENINGS.

Specification forming part of Letters Patent No. **143,585**, dated October 14, 1873; application filed September 5, 1873.

To all whom it may concern:

Be it known that I, JAMES A. MORRIS, of Atlanta, in the county of Fulton and State of Georgia, have invented a new and useful Improvement in Fasteners for Doors, Blinds, and Shutters; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The object of my device is to provide a strong, durable, and effective contrivance to fasten or lock doors, blinds, shutters, and the like, in any position desired; and the invention therein consists mainly in the employment of an annular rack, rigidly attached to the door or blind, and the connection therewith of a suitable drop-catch, as will be fully described hereinafter.

To enable those skilled in the art to construct my fastener, I proceed to describe the same in connection with the drawings hereto, in which—

Figure 1 is an elevation, in perspective, of a frame, showing my fastener in position; Fig. 2, a separate view of a lever-catch lock, with a portion of the rack in section; Fig. 3, a vertical section of my drop-catch lock and rack on the line *x x* of Fig. 1; and Fig. 4, a separate view of the drop-catch shown in Fig. 3.

Like letters denote similar parts in each figure.

In a window, door, or other frame, A, having doors, blinds, or shutters B, there is secured to the door, blind, or shutter, near the bottom, as shown, an annular rack, C, made of suitable cast or wrought metal, which has

upon one of its surfaces cogs or stops *a*, as shown in the drawings; or it may have smooth surfaces with holes, such as shown at *b*, at convenient distances. This rack, thus secured to the door, blind, or shutter, has a rotary motion around the hinge of said door, blind, or shutter, traversing through an opening, *c*, in the frame, as shown in the drawing.

Two varieties of drop-catches are shown in the drawings, but both operating on the same principles. One, a lever-catch, designated by the letter D, is a lever pivoted to the side of the frame, and having a serrated face, *d*, to engage with a tooth or cog on the rack; the other, a drop-catch, having a case, E, and within the same a drop, F, having a serrated face, *e*, and a stud, *f*, by which it may be raised.

The operation of my contrivance is so obvious, upon inspection, as to require no explanation, and the advantages consist in strength, simplicity, and effectiveness, the annular or segmental rack being capable of use to hold a door, blind, or shutter in any position, and lock it there.

Having thus described my fastener, what I claim as new therein and my invention is—

The annular rack C, rigidly secured to the blind, in combination with the drop-catch F, held in the case E, as described.

This specification signed and witnessed this 1st day of September, 1873.

JAMES A. MORRIS.

Witnesses:

D. S. KELLAM,

FRANK A. ARNOLD.