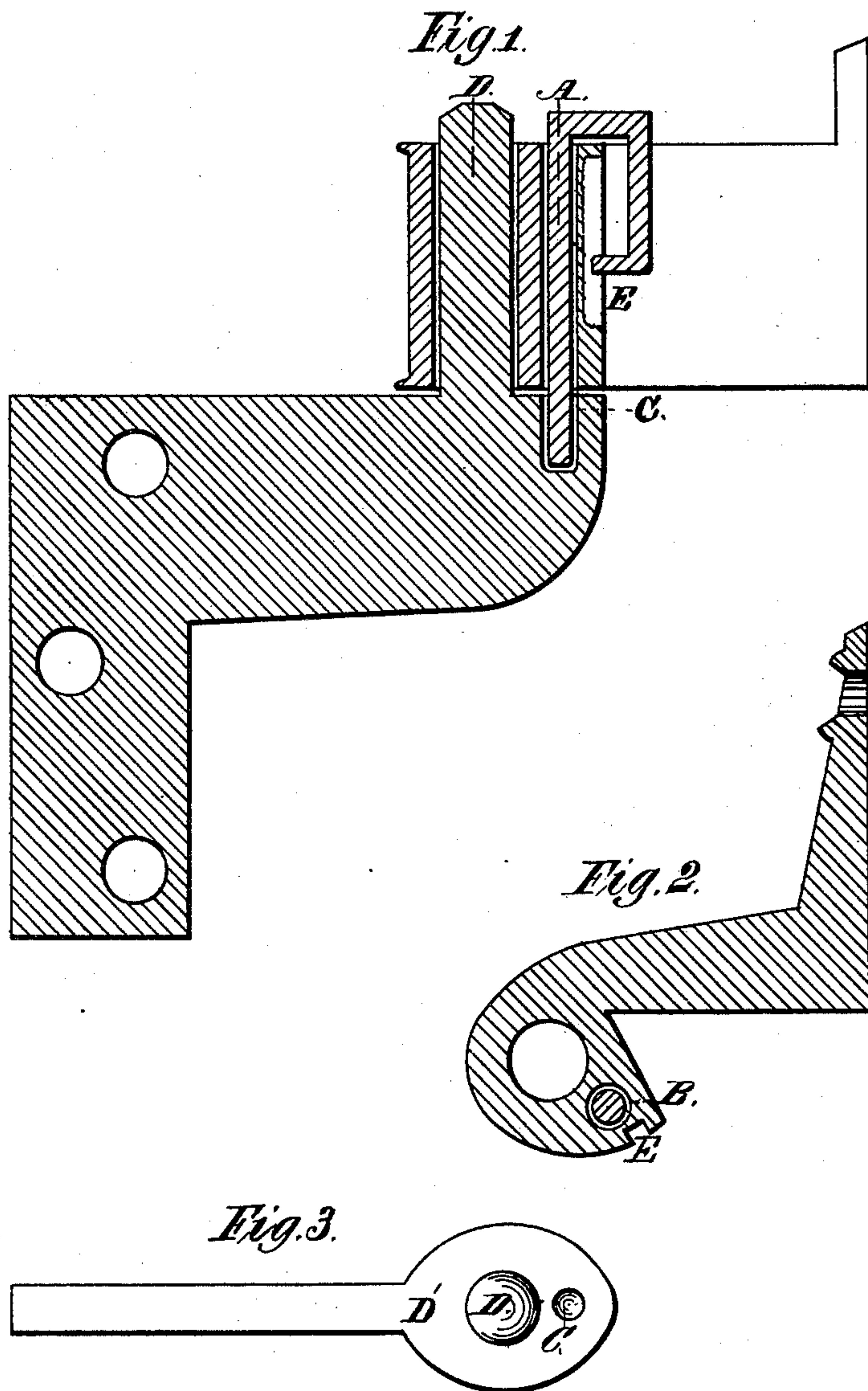


F. BECKERT, Jr.

SHUTTER-HINGE.

No. 170,702.

Patented Dec. 7, 1875.



*Attest:*

*Alfred  
A. H. Kredig*

*Inventor:*

*Fredrick Beckert Jr.*

# UNITED STATES PATENT OFFICE.

FREDERICK BECKERT, JR., OF ALLEGHENY, PENNSYLVANIA.

## IMPROVEMENT IN SHUTTER-HINGES.

Specification forming part of Letters Patent No. **170,702**, dated December 7, 1875; application filed March 26, 1874.

*To all whom it may concern:*

Be it known that I, FREDERICK BECKERT, Jr., of the city of Allegheny, Pennsylvania, have invented an Improvement in Shutter-Hinges, of which the following is a specification:

My invention relates to an improvement in shutter-hinges; and it consists in the novel construction and combination of a bent pin with a hinge having a recessed guide, vertical aperture, and socket, as hereinafter specified, whereby a simple and effective means is provided for locking said hinge when the shutter is in an open position.

Figure 1 in the accompanying drawings is a vertical section of my said hinge, with all its parts combined, in an open and bolted position, showing the hook and the eye of the hinge and my said bolt or pin. Fig. 2 is a horizontal section of the eye and pin A of Fig. 1. Fig. 3 is a top view of the hook of Fig. 1.

My hinge is constructed like those in general use, aside from my improvement.

The upper part of my hinge has a vertical aperture near the side of the eye, as shown at B, Fig. 2, in which pin A of Fig. 1 operates to bolt the shutter when the same is open. When the shutter is swung open, the lower end of

pin A will slide along upon the horizontal bearing-surface D' of the lower part of the hinge until it reaches a socket, C, formed therein, into which it drops by its own weight, thereby locking or bolting the hinge, as illustrated in Fig. 1 of the drawing. When it is desired to close the shutter, said pin is raised from socket C by taking hold of its upper bent portion, thereby unlocking the hinge and permitting the shutter to be swung to. Pin A has its upper part bent or formed like a hook, with the inner end of said hook sliding in a groove, E, as shown by Fig. 1, which said groove is closed at the top to prevent the said pin from becoming detached from the hinge.

What I claim as my improvement in shutter-hinges is—

The herein-described bent pin A, in combination with a hinge provided with vertical aperture B, socket C, and guide E, wherein the said pin is arranged to operate substantially in the manner and for the purpose specified.

FREDERICK BECKERT, JR.

Witnesses:

A. ARENT,  
A. W. KREDEL.