

W. B. Barnard,

Superintendent.

No 31,221.

Patented Jan. 29, 1861.

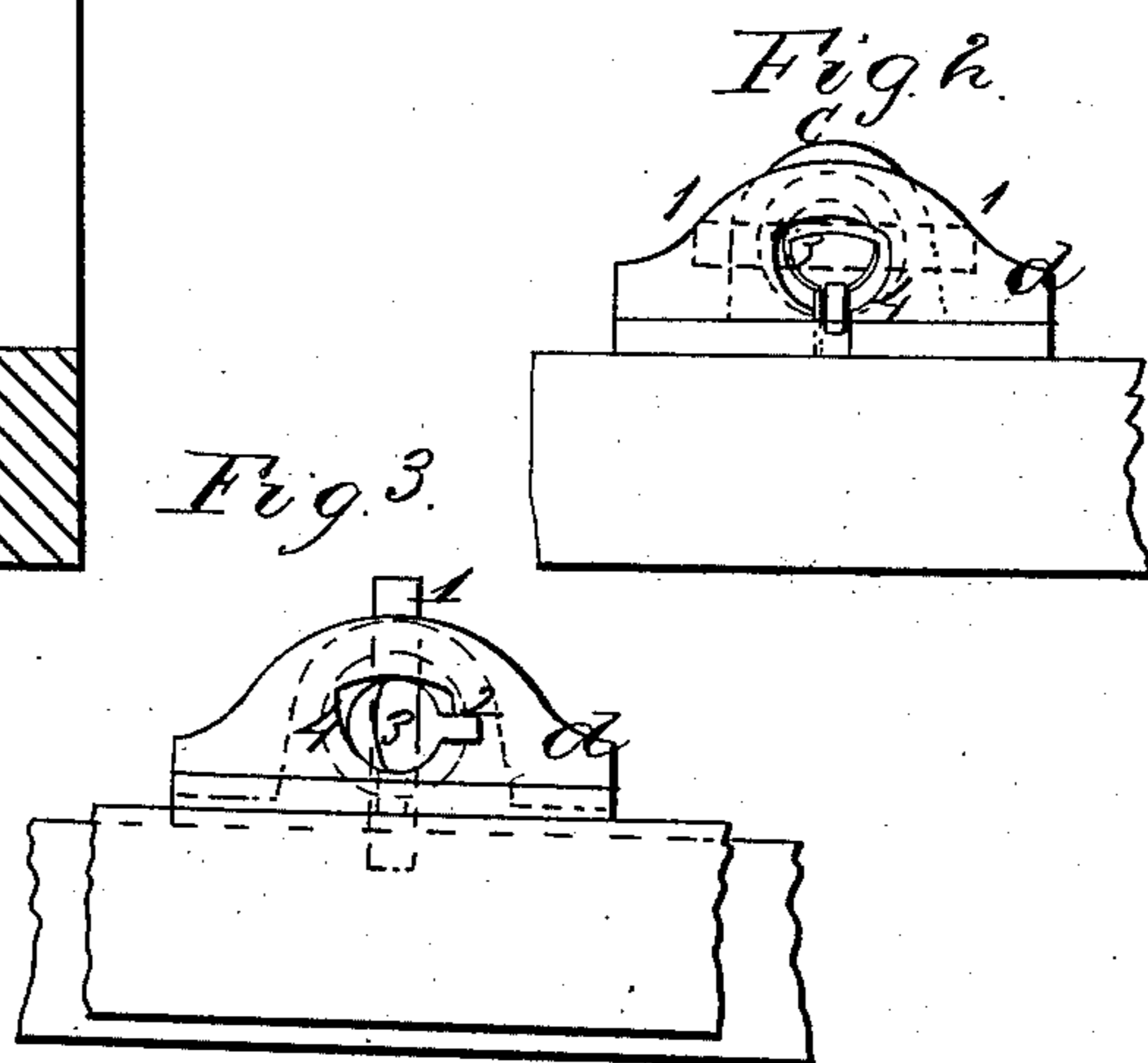
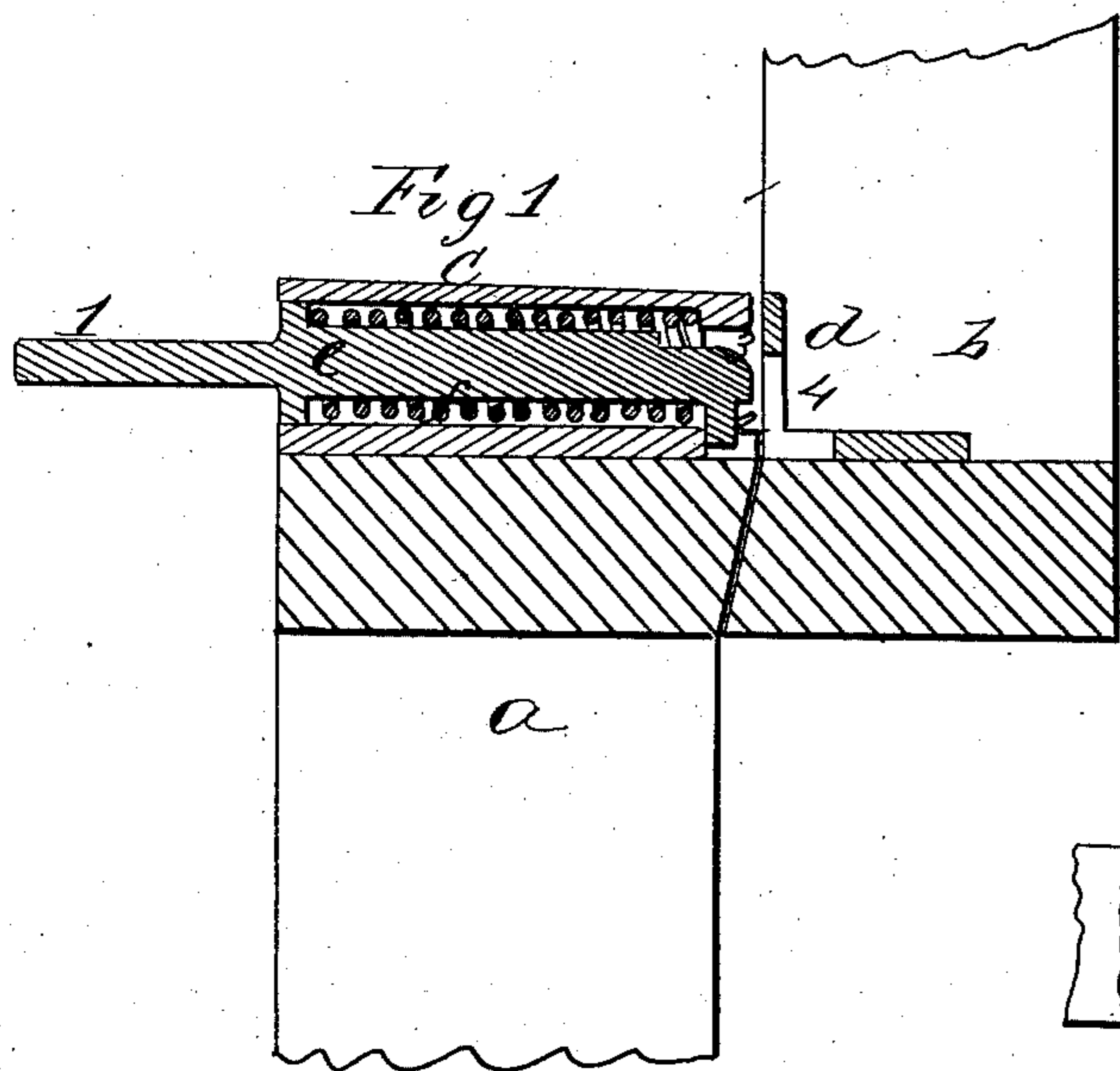
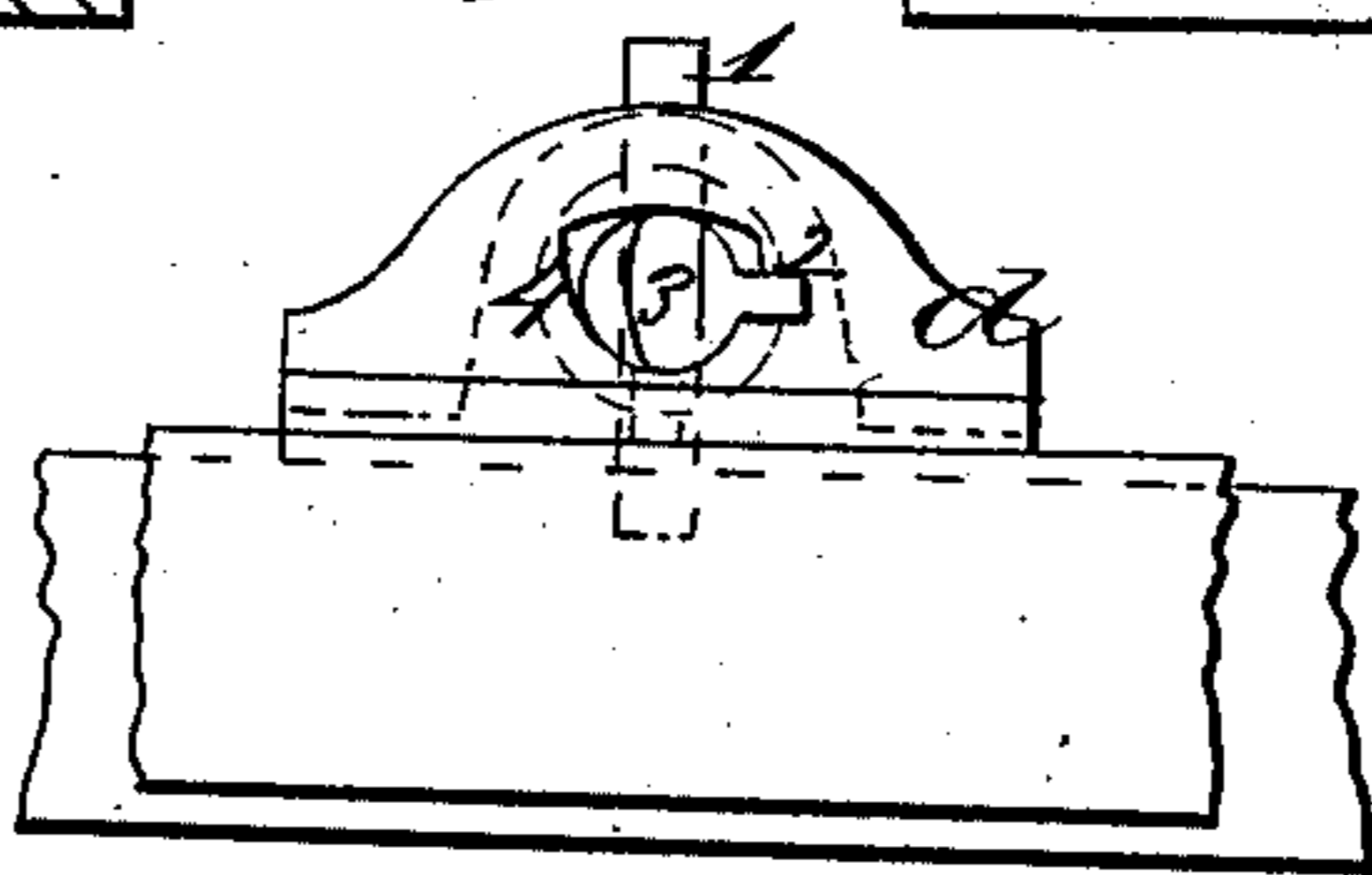


Fig 3.



Witnesses

John Welch

L. A. Beady.

Inventor

W. B. Barnard

UNITED STATES PATENT OFFICE.

WILLIAM B. BARNARD, OF WATERBURY, CONNECTICUT.

SASH-FASTENER.

Specification of Letters Patent No. 31,221, dated January 29, 1861.

To all whom it may concern:

Be it known that I, WILLIAM B. BARNARD, of Waterbury, in the county of New Haven and State of Connecticut, have invented, 5 made, and applied to use a certain new and useful Improvement in Sash-Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, 10 making part of this specification, wherein—

Figure 1, is a vertical section of my said fastener. Fig. 2, is an end view, and Fig. 3, is an end view with the sashes locked together. 15

Similar marks of reference denote the same parts.

Sash fasteners have heretofore been made with a spring bolt on one sash taking an eye 20 on the other sash. The nature of my said invention as distinguished from all others consists in a cam bolt, that upon being pressed back takes an eye on the upper sash, and upon turning said bolt the upper sash 25 is pressed up by said cam on the bolt, at the same time that the bolt through a pin and spring binds the upper and lower sashes firmly together so as to prevent said sashes shaking by the wind or admitting air 30 through the joint between the upper and lower meeting rails of the sash.

In the drawing *a*, is the lower and *b*, the upper sashes and meeting rails.

c, is a hollow attachment to the lower sash containing the bolt *e*, and *d*, is the eye flange 3 attached to the upper sash (*b*). The bolt *e*, is formed with a head 1, by which it can be pressed back against the action of the

spring *f*, in the attachment *c*, and also given about a quarter revolution in order that the 40 pin 2, on the inner end of the said bolt *e*, may pass through the eye 4, in the flange *d*, and turning around onto the face of said flange cause the spring *f* to draw the sashes together; but this alone would not effect the 45 entire object. I desire, namely to raise up the sash (*b*) simultaneously with the drawing of the two together; I therefore do not form the hole 4, round but flattened at top as seen in Figs. 2 and 3, and the end of the 50 bolt *e*, I remove as at 3, in order that the same may pass into the eye or hole 4, as seen in Fig. 2, but when partially revolved as in Fig. 3, this portion 3, of the bolt acts as a cam and raises up the outer sash mak- 55 ing the same tight and secure against the elements.

My improved sash fastener is cheap and durable, and cannot be opened from the outside without breaking the glass. 60

When not in action the spring *f*, keeps the bolt *e*, forward away from the upper sash.

What I claim as my invention and desire to secure by Letters Patent is— 65

The spring bolt *e*, provided with the cam 3, and pin 2, taking the eye 4, in the flange *d*, in the manner and for the purposes specified.

In witness whereof I have hereunto set my 70 signature this 31st day of October 1860.

WM. B. BARNARD.

Witnesses:

JOHN W. PAUL,
F. A. BEACH.