

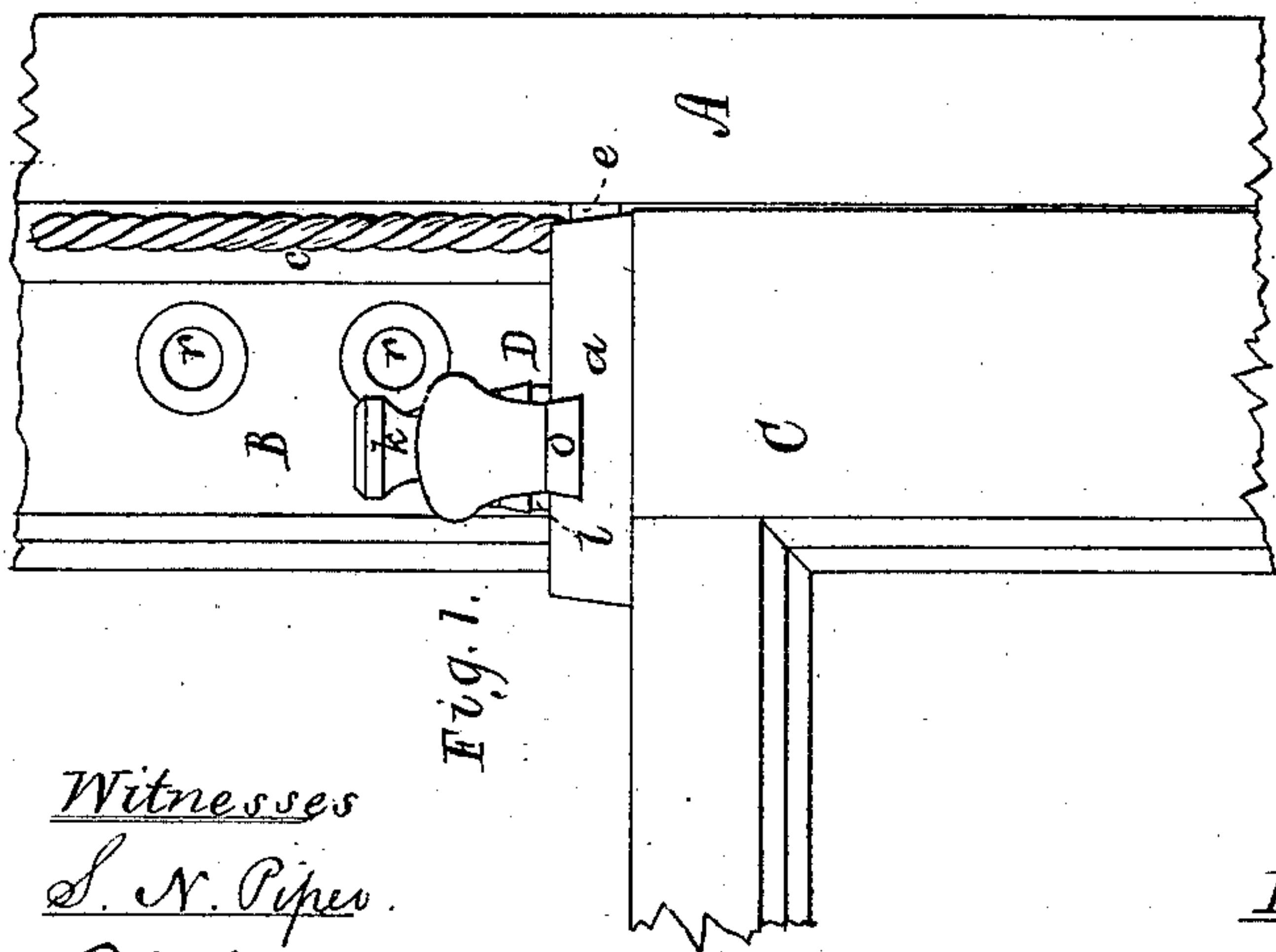
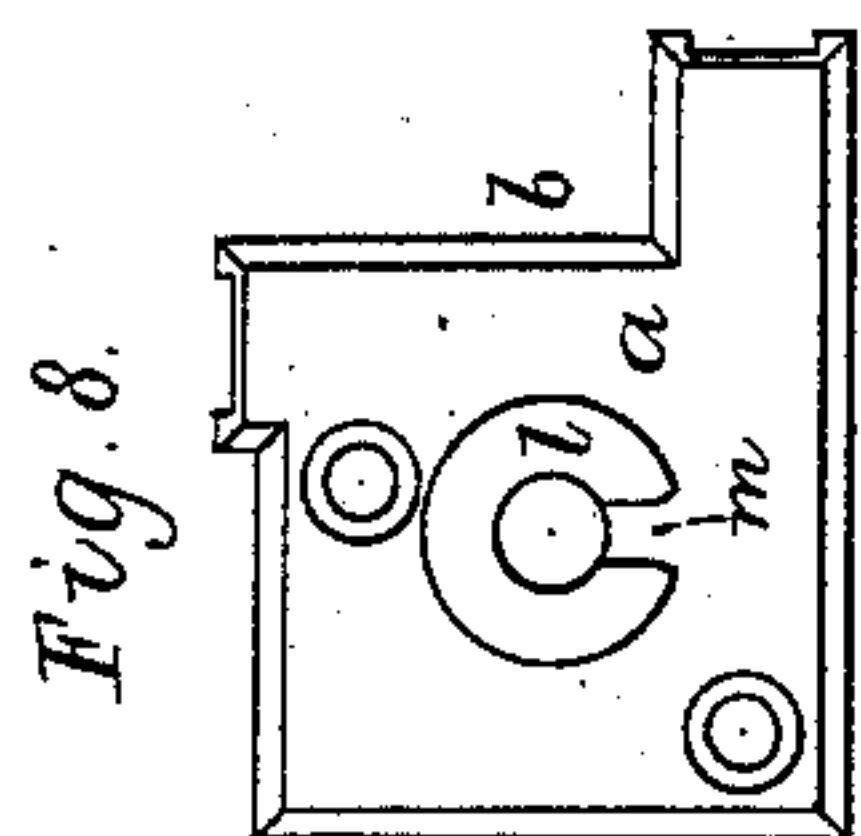
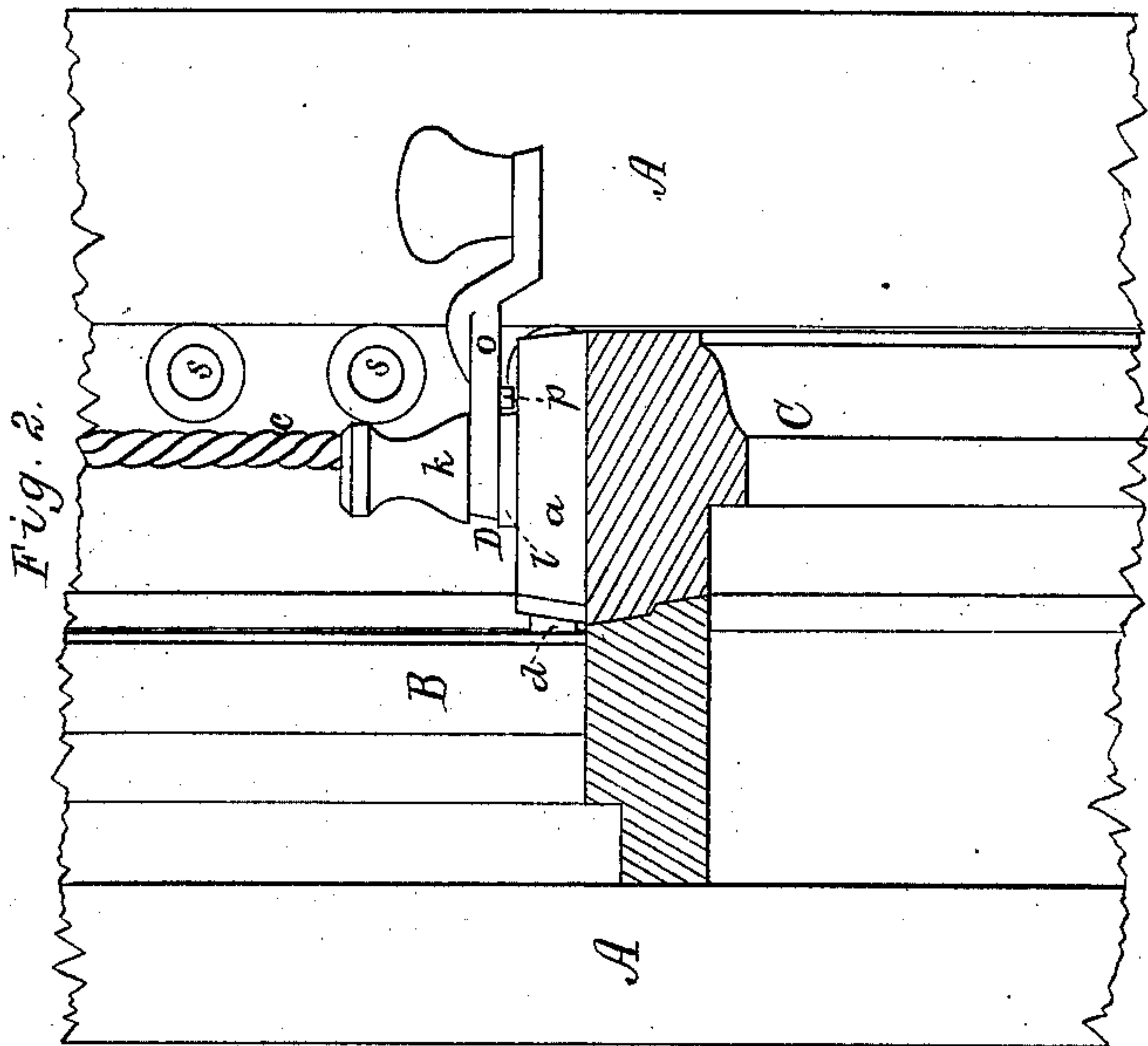
(No Model.)

F. E. BAILEY.

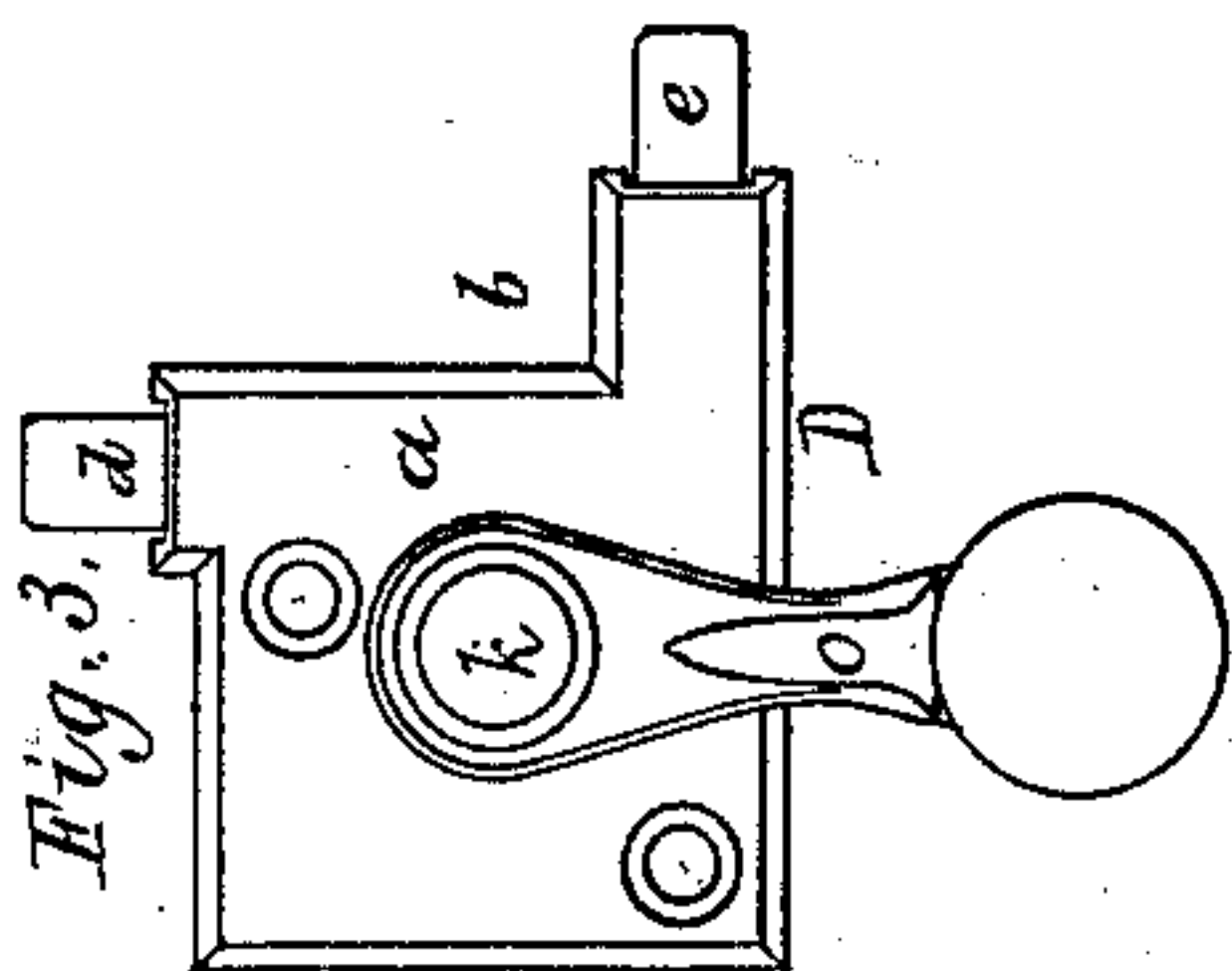
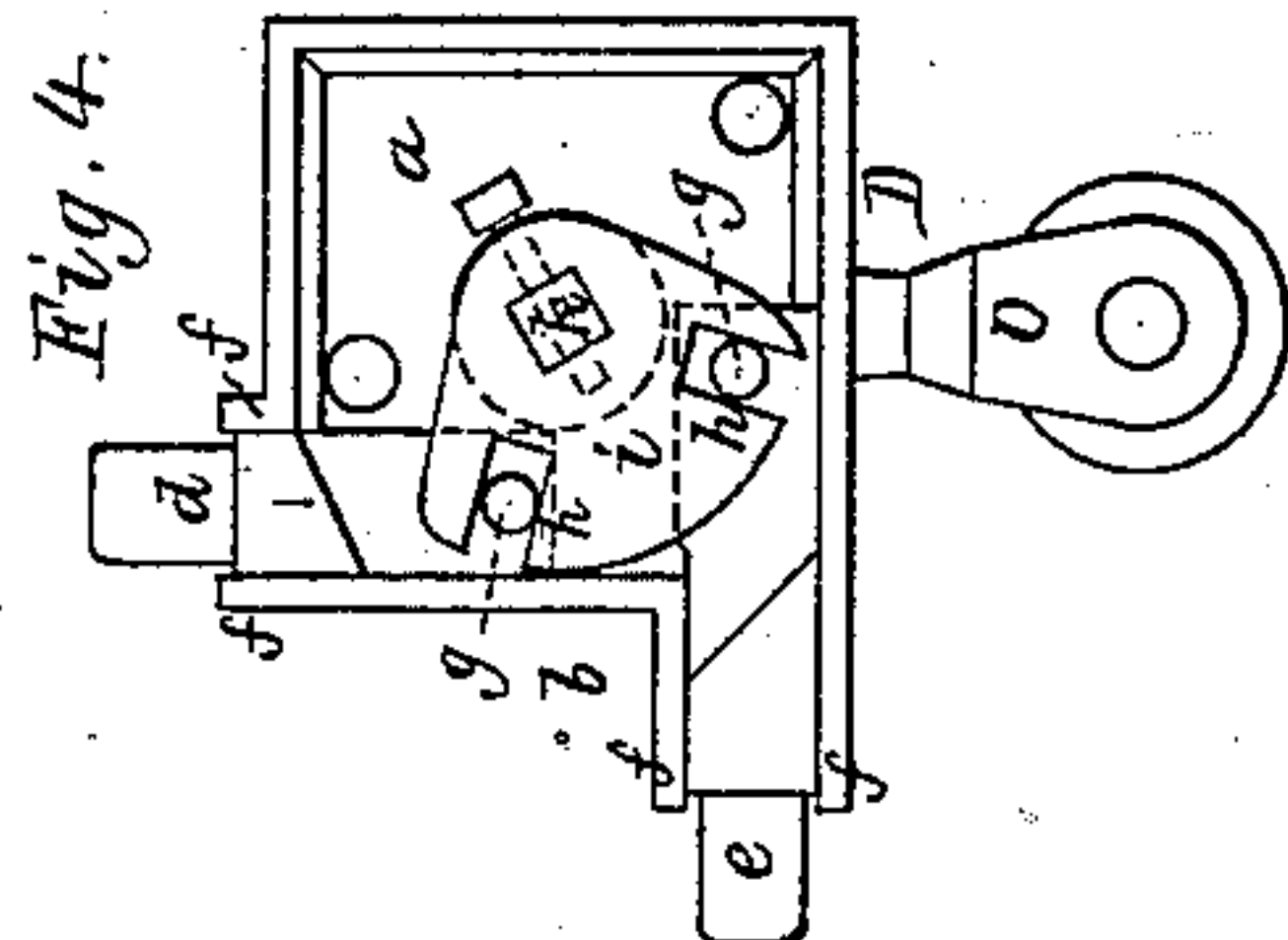
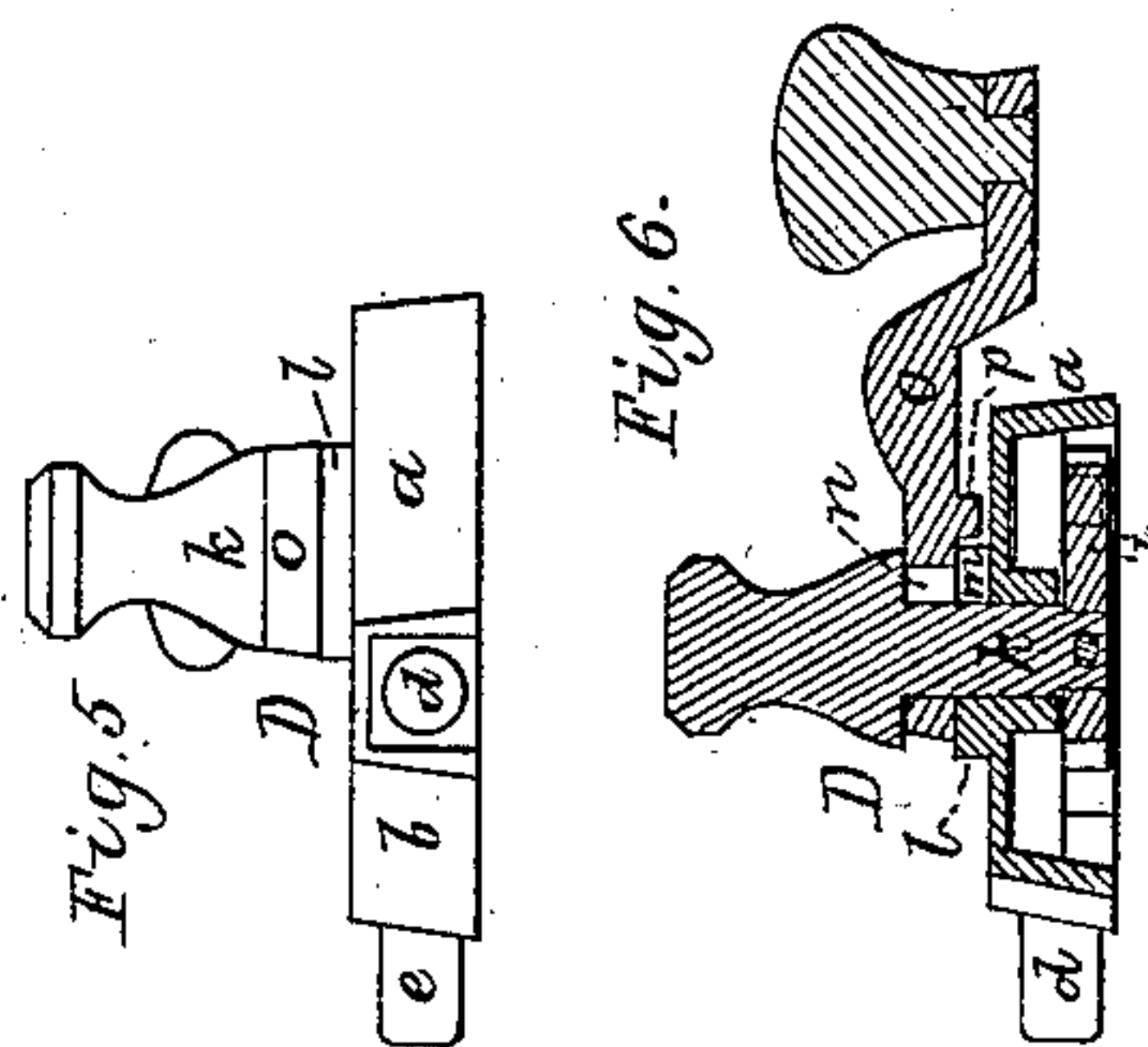
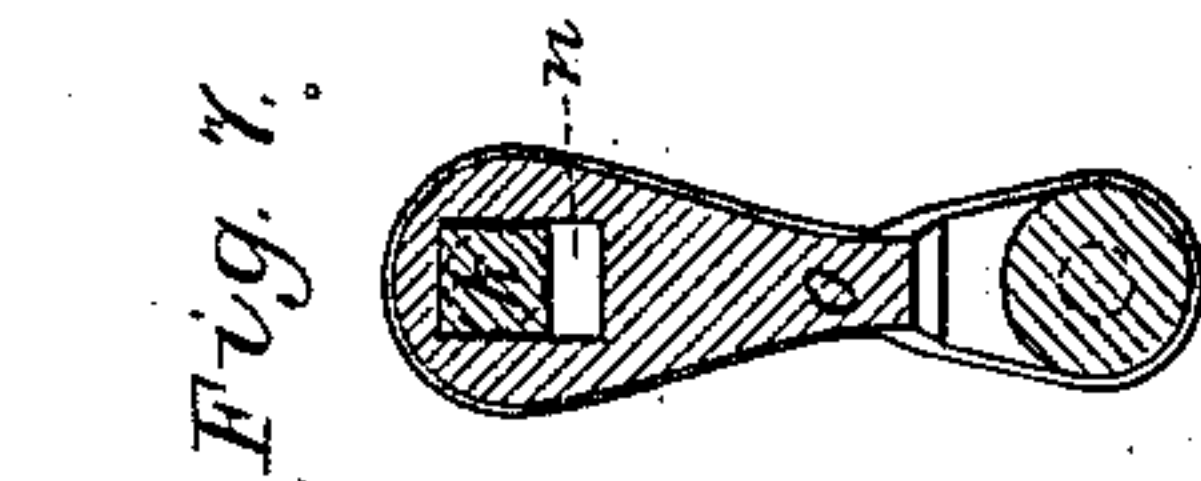
SASH FASTENER.

No. 257,145.

Patented May 2, 1882.



Witnesses
S. N. Piper.
E. B. Pratt.



Inventor.
Fred. E. Bailey.
by R. H. Eady atty.

UNITED STATES PATENT OFFICE.

FRED E. BAILEY, OF MANCHESTER, NEW HAMPSHIRE, ASSIGNOR TO HIMSELF AND JOEL F. BAILEY, OF SAME PLACE.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 257,145, dated May 2, 1882.

Application filed March 20, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRED E. BAILEY, of Manchester, in the county of Hillsborough, of the State of New Hampshire, have invented a new and useful Improvement in Window-Sash Fastenings; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a rear view, and Fig. 2 a transverse section, of a window provided with my improved means of fastening its two sashes. Fig. 3 is a top view, Fig. 4 a bottom view, Fig. 5 an end elevation, and Fig. 6 a transverse section, of the fastener. Fig. 7 is a horizontal section of the crank and arbor of the fastener. Fig. 8 is a top view of the case of the fastener.

The said fastener, fastened on the top of the lower sash at one end thereof, is to operate with one or more bolt-receiving recesses in the upper sash, and also with one or more such recesses in the window-frame.

The nature of my invention is defined in the claim hereinafter presented.

In the drawings, A denotes the window-frame, and B and C its two sashes, such sashes being arranged in and applied to the said frame and provided with balancing window-weights in the usual manner.

The sash-fastener is shown at D. Its case *a* is recessed, as represented at *b*, to receive the suspension-cord *c* of the sash, and to enable the case to extend to the vertical edge of the sash. Within this case are two bolts, *d e*, arranged at a right angle to each other, and each adapted to the case so as to slide therein between the guides *f*, arranged as shown in Fig. 4. From each bolt a round stud, *g*, extends into one of two slots, *h*, arranged, as shown, in a sector or tumbler, *i*, fixed upon an arbor, *k*, extending within and upward out of such case and above a circular flange, *l*, projecting upward from the case and notched, as shown at *m*. For a short distance above the flange *l* the arbor is prismatic, and extends into a slot, *n*, made in a crank, *o*, such crank being provided with a stud, *p*, projecting down

from it, as shown. By moving the crank on the arbor the stud may be made to enter the notch *m*. When the stud is out of the notch the crank, on being turned, will partially revolve the tumbler, whereby the bolts may be either simultaneously actuated or moved forward or drawn back relatively to the case. Within the upper sash is one or a series of bolting-recesses, *r*, arranged as shown. So in the window-frame and next the edge of the sash is another bolting-recess or series of recesses, *s*. When the sashes are closed, or either or each is open, and the two bolts are shot forward, one of them will enter one of the recesses *r* of the upper sash, while the other will enter one of the recesses *s* of the window-frame, in which case the sashes will be locked in their respective positions. Then, should the crank be pushed forward so as to cause its stud *p* to enter the notch of the flange *l*, the crank will be locked to the case in a manner to prevent the bolts from being moved inwardly by force applied to them otherwise than through the crank.

I am aware that it is not new to have two bolts arranged in a case at a right angle to each other and provided with mechanism for advancing and retracting them, such a fastening being for application to one sash of a window and to operate with recesses in another sash, and also with recesses in the window-frame. Therefore such is not claimed by me, my invention resting on my new or improved sash-fastening, to be applied and used in manner as hereinbefore explained. Therefore

I claim as my invention as follows:

The combination of the case provided with the notched flange, arranged as described, with two studded bolts, the slotted tumbler, the arbor, and the slotted and studded crank, all arranged and to operate substantially as set forth.

FRED E. BAILEY.

Witnesses:

ALBERT E. BAILEY,
EDWIN C. BAILEY.