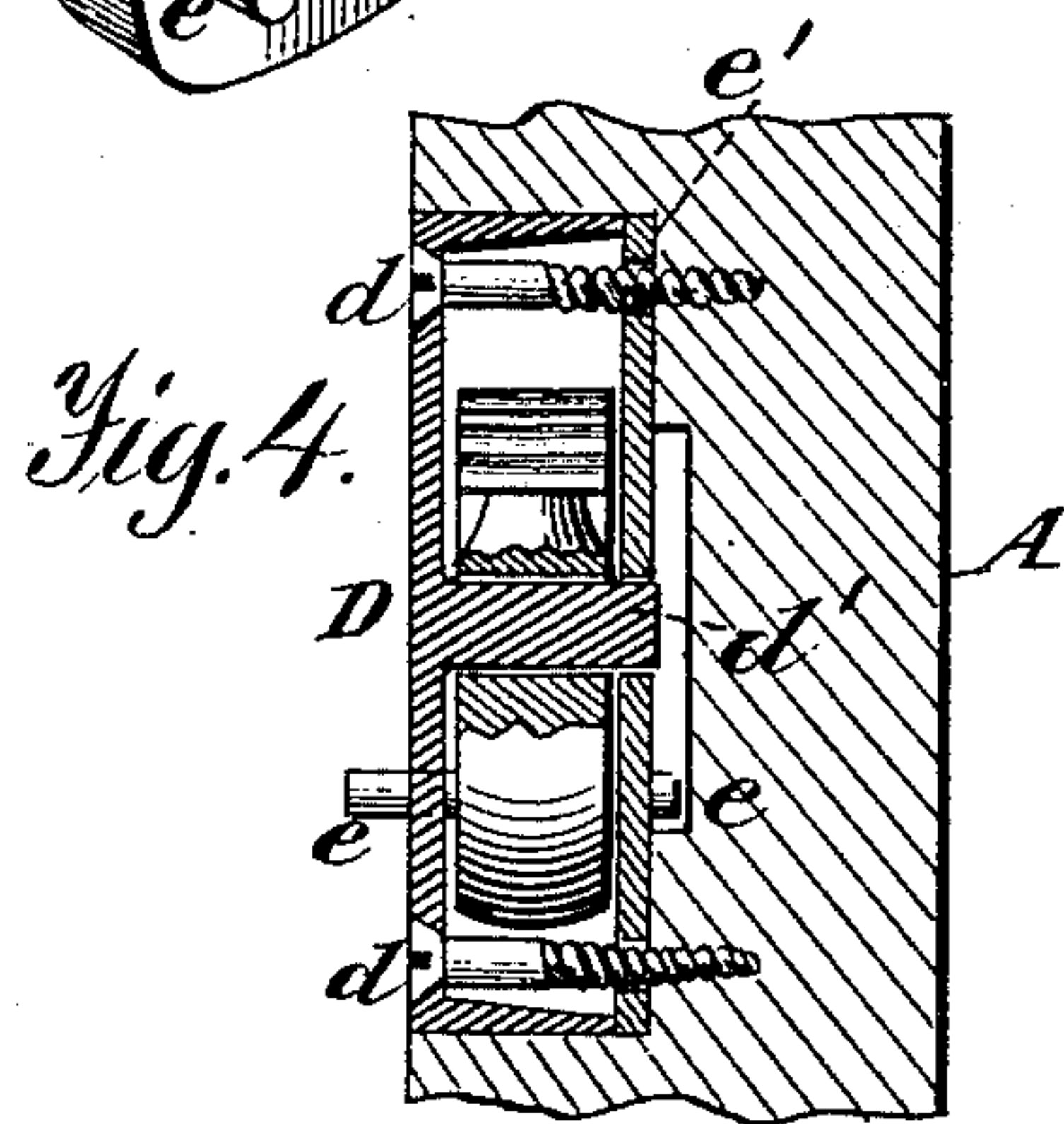
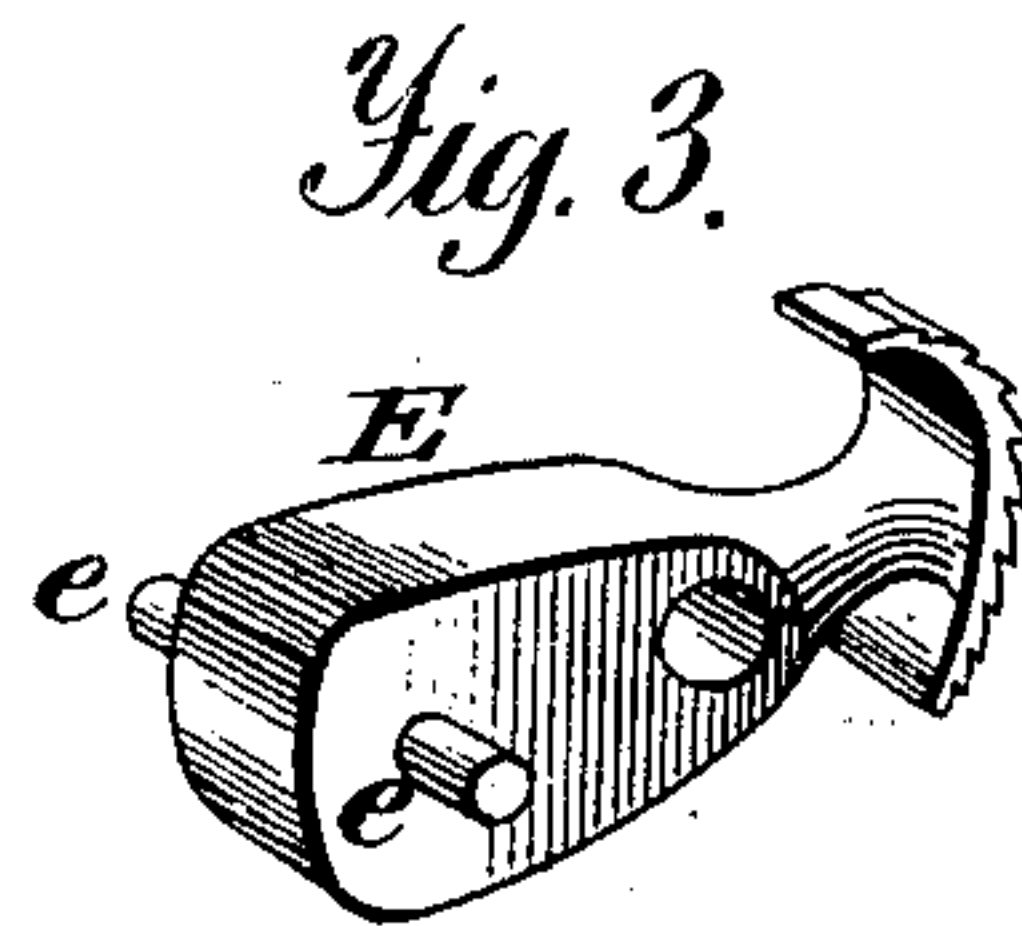
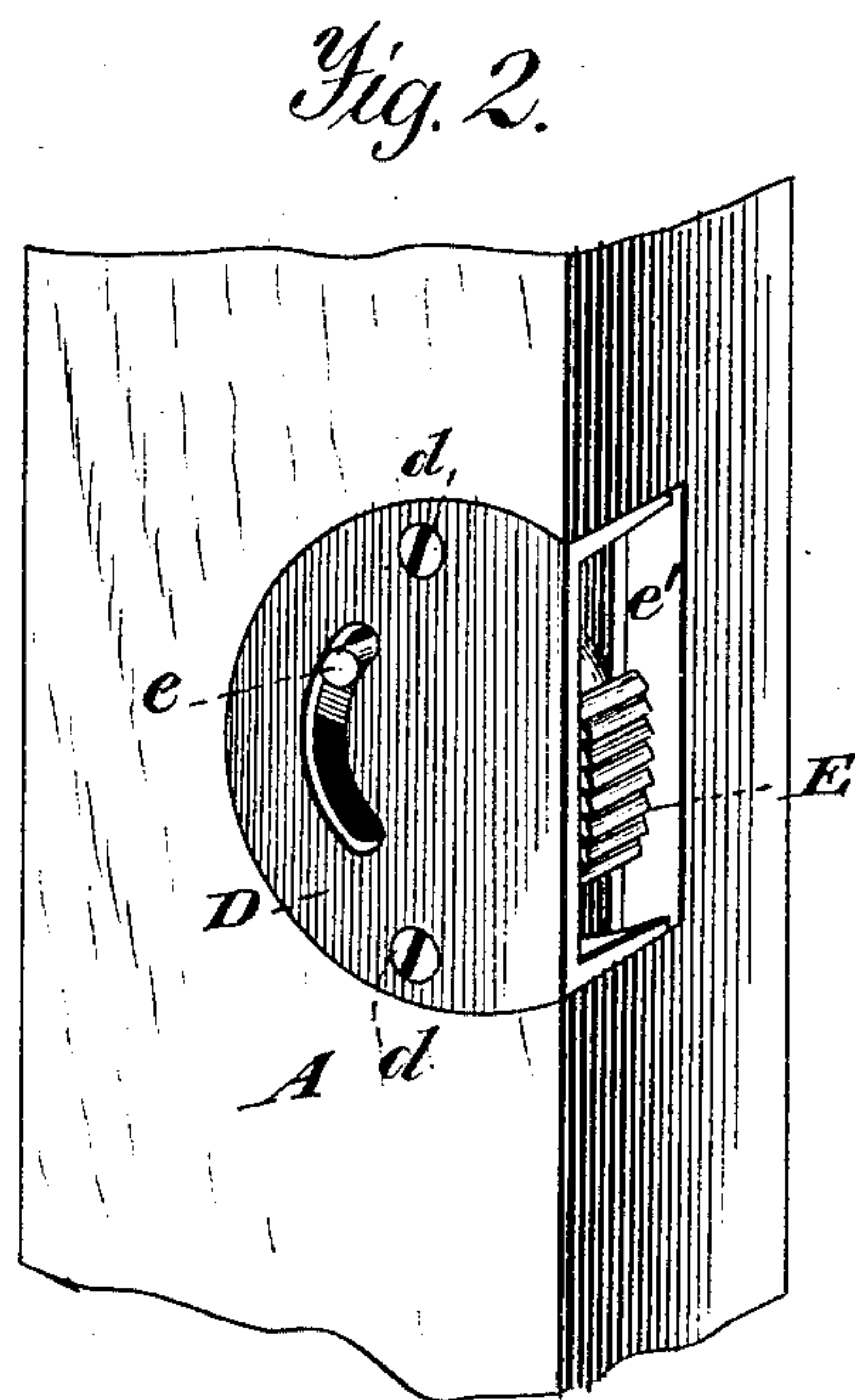
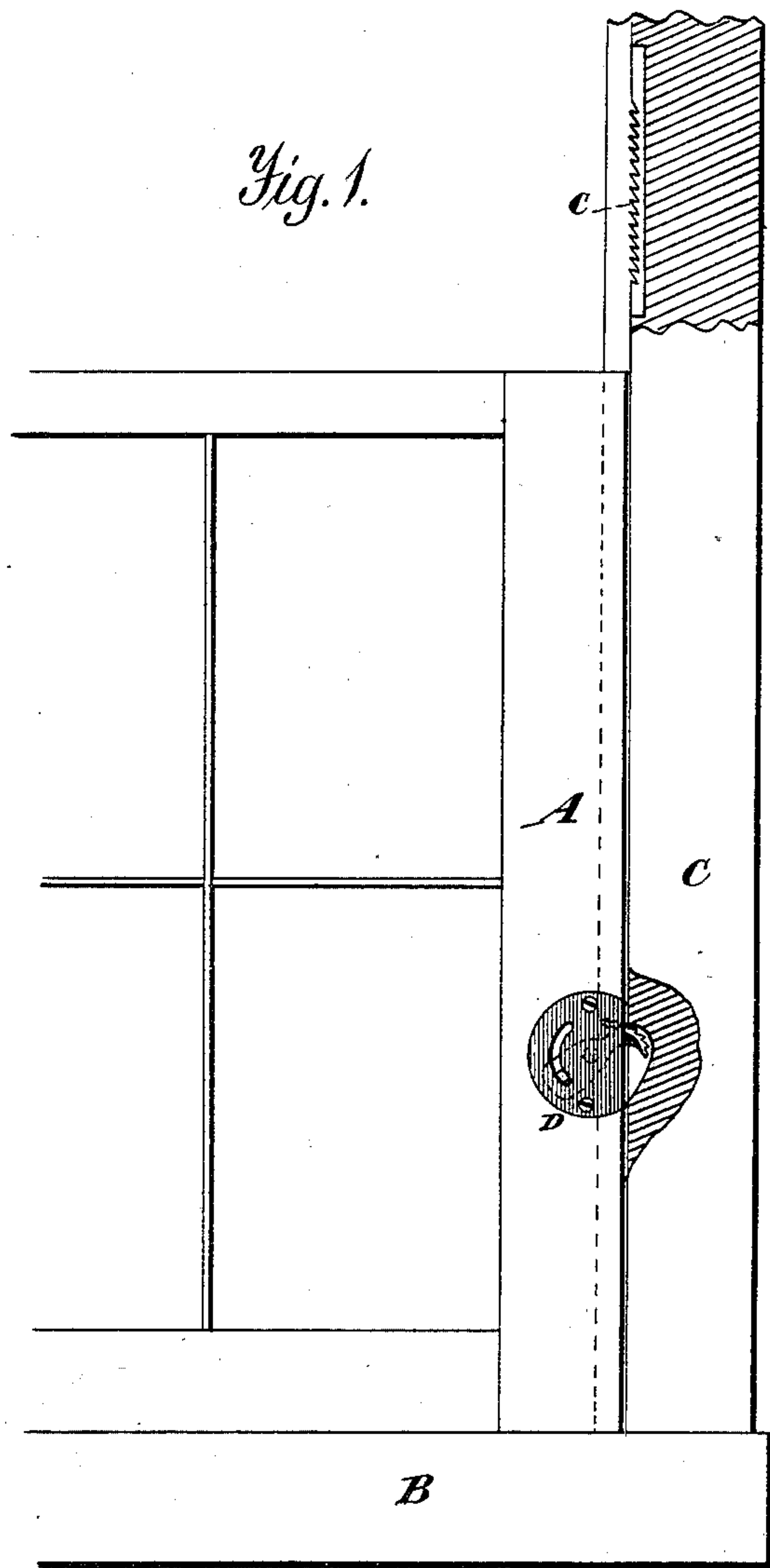


N. P. SELDEN.
Sash-Holder.

No. 223,250.

Patented Jan. 6, 1880.



Witnesses.
A. Ruppert,
James H. Lange.

Nels Peter Selden,
Inventor.
per
Edson Bro's
Attorneys.

UNITED STATES PATENT OFFICE.

NELS P. SELDEN, OF BELLE PLAINE, IOWA.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 223,250, dated January 6, 1880.

Application filed September 25, 1879.

To all whom it may concern:

Be it known that I, NELS PETER SELDEN, of Belle Plaine, in the county of Benton and State of Iowa, have invented certain new and useful Improvements in Sash-Holders; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a side elevation of part of a window-frame and its lower sash, showing my improved sash-holder secured therein. Fig. 2 is a perspective view of part of the lower sash with my holder arranged therein. Fig. 3 is a similar view of the weighted lever, and Fig. 4 is a vertical transverse section of my holder arranged in the sash.

Corresponding parts in the several figures are denoted by similar letters of reference.

This invention appertains to certain improvements in sash-holders, the objects of which are, primarily, to hold the sash at any desired point in the frame; secondly, to readily and securely lock the lower sash down to the bottom or sill of the frame when required, as at night, &c.; and, thirdly, to allow of my sash-holder being placed at either side of the frame, as is most convenient or desirable; and to these ends my invention consists in the combination and arrangement of parts, substantially as hereinafter described, and particularly pointed out in the claim.

In the annexed drawings, A marks the lower sash, B the sill, and C one of the sides, of a window-frame, all of the ordinary construction.

Secured in the sash A, by means of holding-screws *d*, is a segmental-shaped case, D, its face being flush with the surface of said sash, and provided with an arc-shaped slot in its face and a centrally-located pivot, *d'*, on its under side. Working on the pivot *d'* is a weighted lever, E, provided at its rear or weighted end with a pin or stud, *e*, on each of its sides, and having its face serrated, as clearly shown in the drawings.

The object of having a pin or stud on each

side of the lever E is to permit of my holder being arranged at either side of the frame, as is most convenient or desirable. When this change is made the lever is reversed on its pivot.

Arranged between the case and the sash A is a plate, *e'*, through which, near its ends, pass the holding-screws *d*, and in a central orifice made in the same is inserted the pivot *d'*, this latter arrangement serving to retain the lever E on its pivot. One of the pins or studs *e* works in the arc-shaped slot in the case D, and the other moves in a groove cut in the sash A, beneath the said case D.

A slot is made in the lower part of the side C to permit the weighted lever E, when the sash is down, to swing around on its pivot, so that its face will abut against the upper part of said slot and securely lock the lower sash down to the sill B.

c marks a serrated plate attached to the upper part of the side piece, C, to catch and hold the lever arranged in the case of the upper sash, thus preventing the wearing away of the side piece, C, at that point, and the consequent sagging of the sash, which would otherwise occur by the lever stopping or abutting at the same point of the side C. As will also be readily observed, the serrated plate holding the serrated face of the lever will more effectually keep the upper sash at the top of the window-frame.

Operation: Taking the case arranged in the lower sash and the latter down on the sill, with the face of the lever abutting against the head of the slot in the side piece, C, as shown in Fig. 1, (the position of the parts when the lower sash is locked,) to unlock and raise the sash, the lever E is swung on its pivot by upwardly pushing the stud *e*, arranged in the arc-shaped slot of the case, until the lever assumes the position shown in Fig. 2, when said sash can be raised and held at any desired point in the window-frame by the serrated face of the weighted lever pressing against the side C. To lower the sash, raise the stud *e*, which removes the face of the lever from the side C, when the sash can be lowered, and by releasing the stud *e* the face of the lever will again abut against the side C, and the sash will be held at the point desired.

The parts of my device being easily separated, old or broken parts can be readily replaced by new ones.

Having thus fully described my invention, 5 what I claim, and desire to secure by Letters Patent, is—

The sash-holder consisting of the swinging weighted lever E, having a pin or stud on each of its sides, and hung on the pivot *d* of the 10 case D, said case being provided with an arc-shaped slot in its face, through which projects

one of said pins or studs, plate *e'*, and holding-screw, constructed and arranged substantially as shown and described.

In testimony that I claim the foregoing as 15 my own I affix my signature in presence of two witnesses.

NELS PETER SELDEN.

Witnesses:

SAMUEL HART,
CYRUS MAHOLM.