

(No Model.)

H. FLETTER.

NUT LOCK.

No. 277,474.

Patented May 15, 1883.

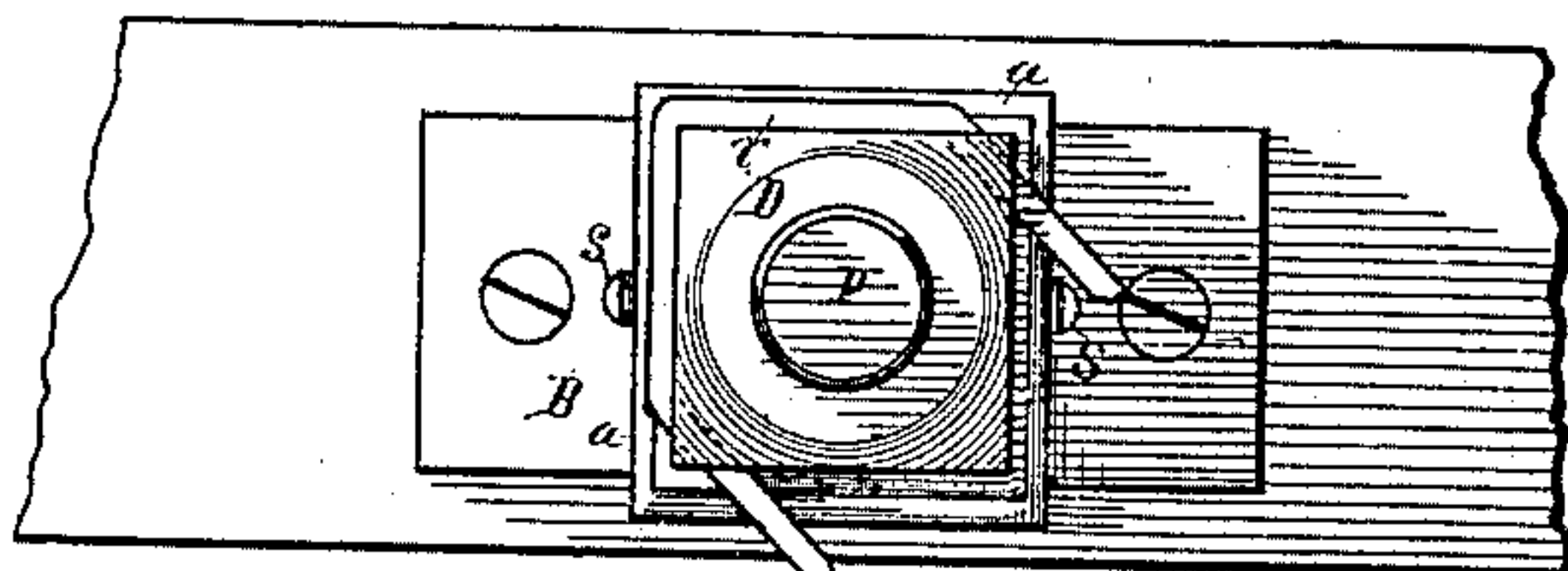


Fig. 1

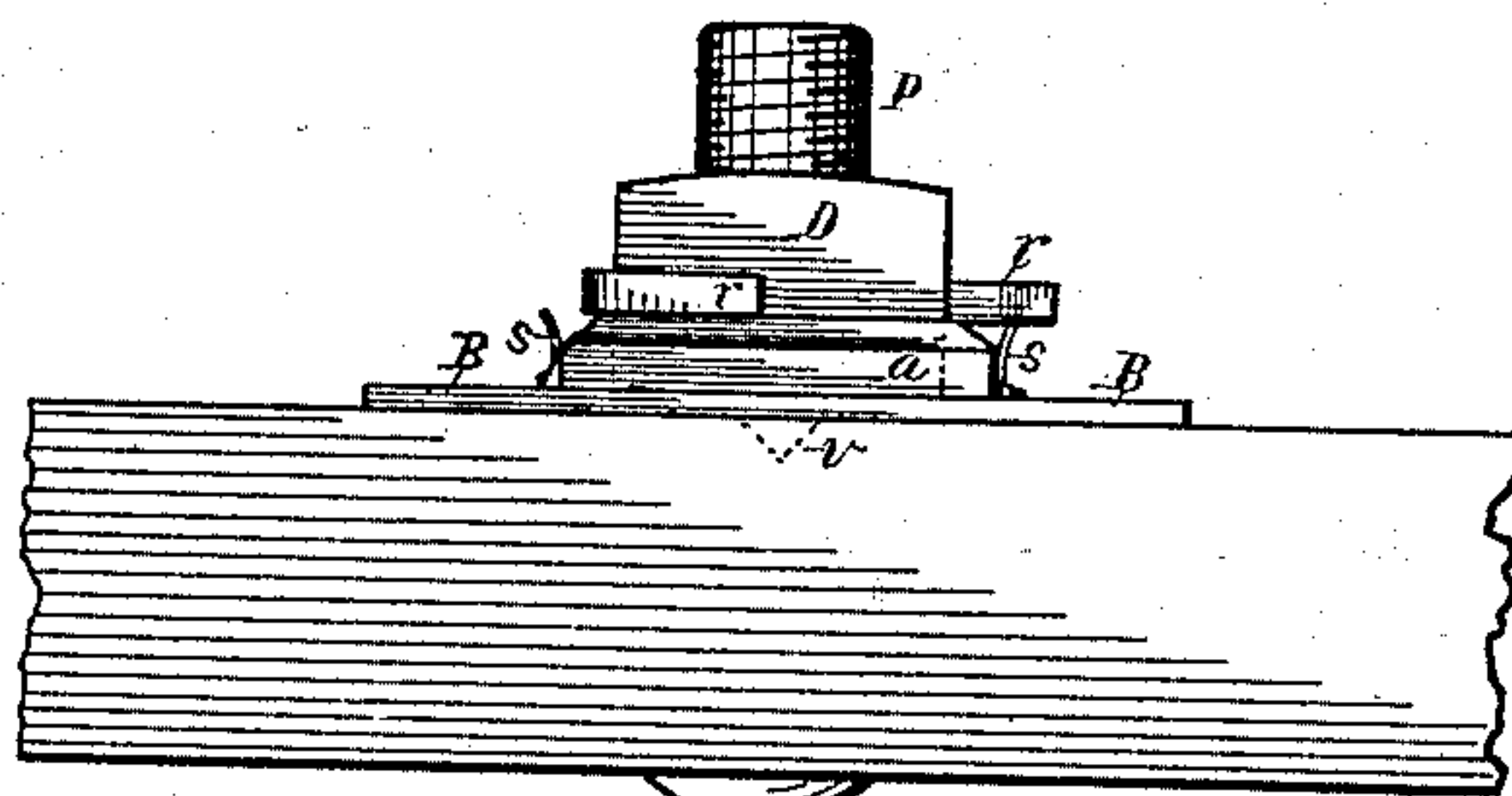


Fig. 2

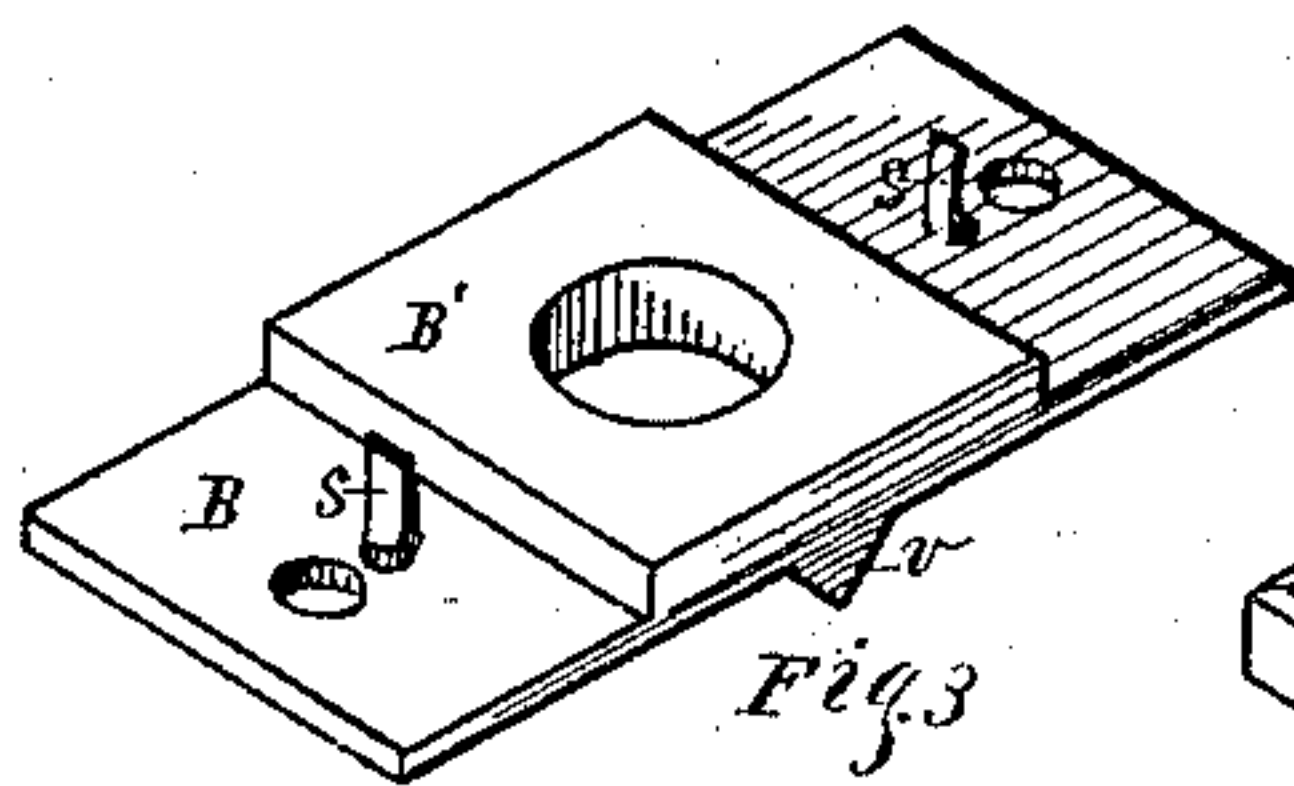


Fig. 3

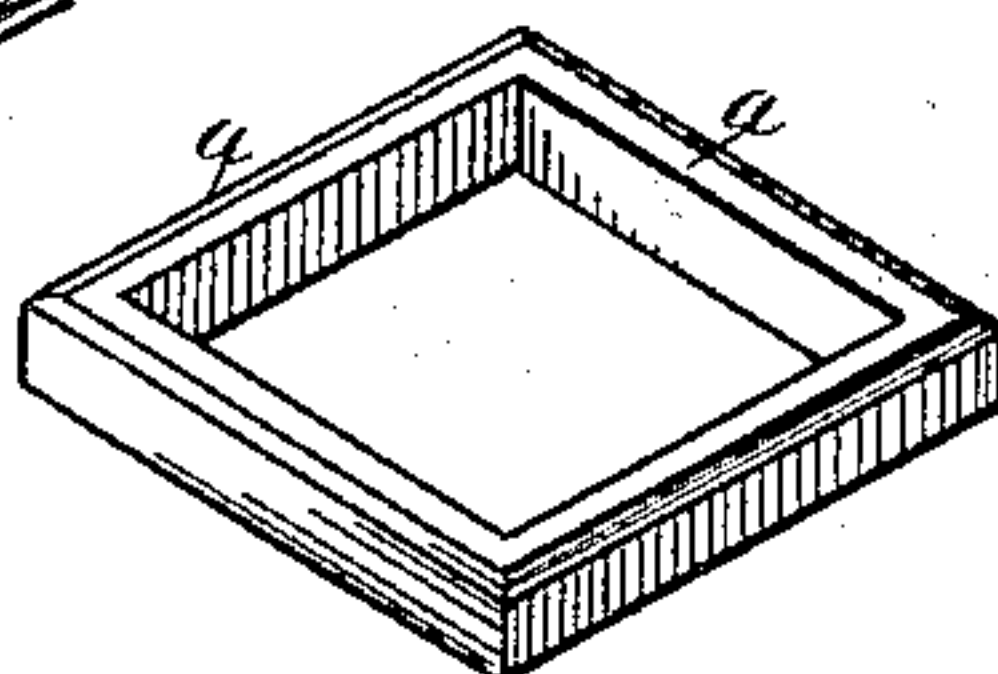


Fig. 4

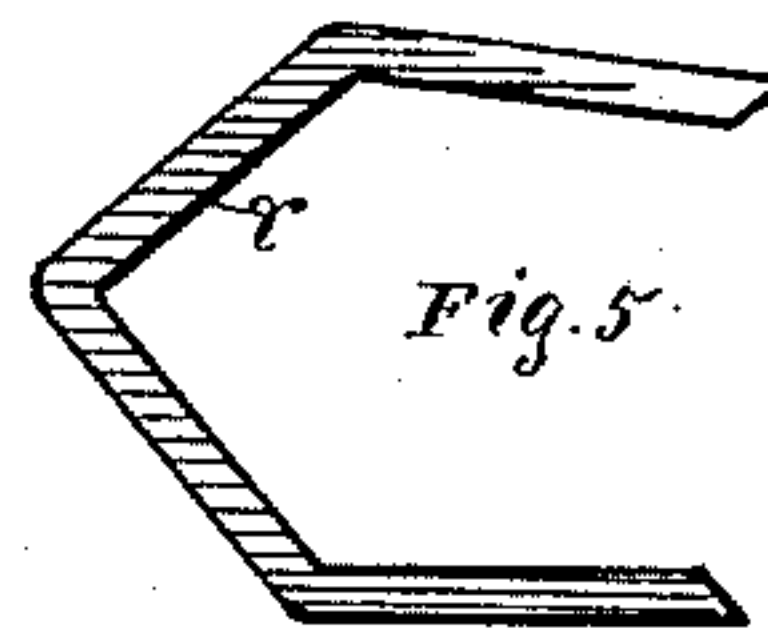


Fig. 5

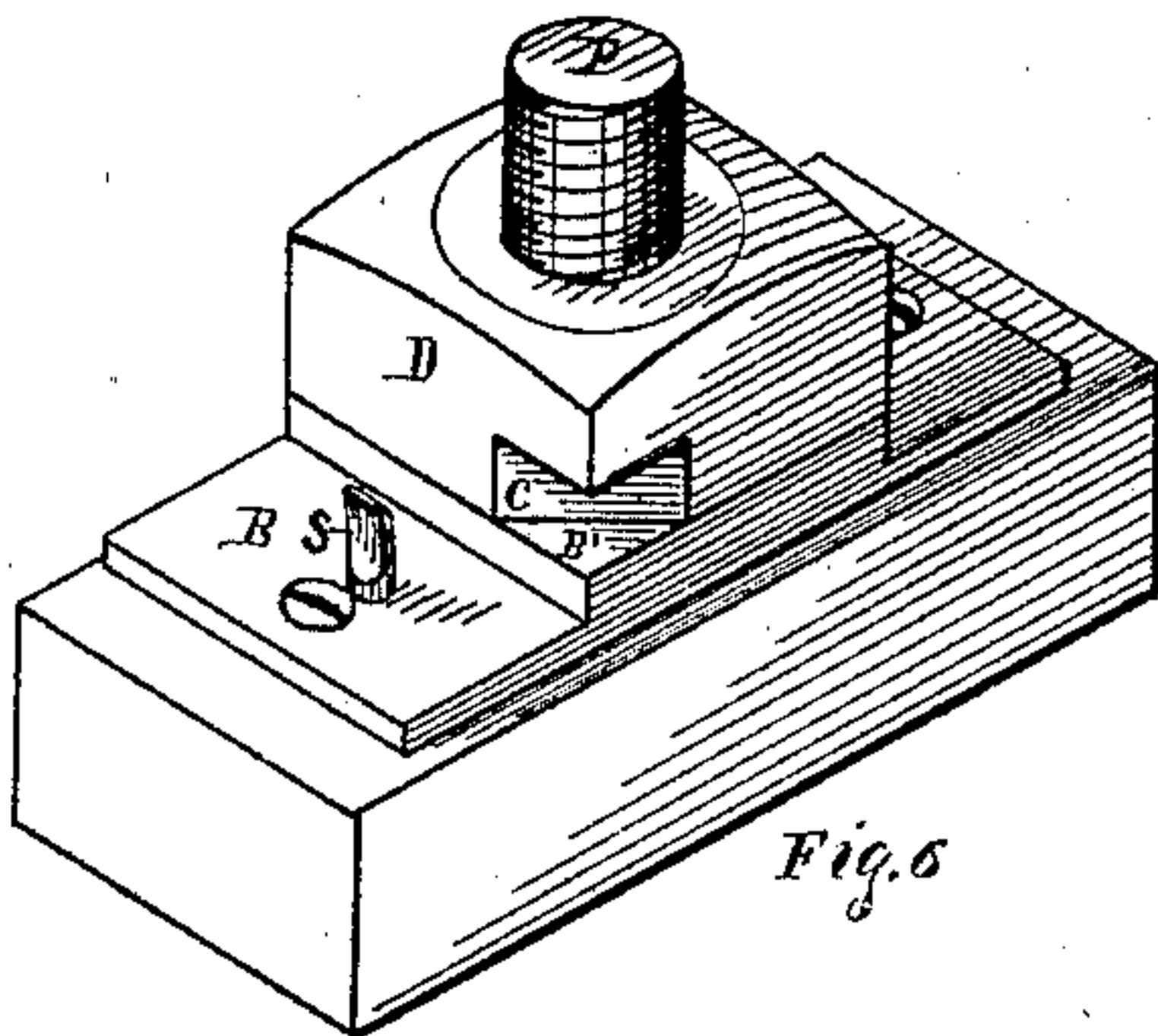


Fig. 6

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UNITED STATES PATENT OFFICE.

HENRY FLETTER, OF KALAMAZOO, MICHIGAN, ASSIGNOR OF ONE-HALF TO
DAVID LILIENFELD, OF SAME PLACE.

NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 277,474, dated May 15, 1883.

Application filed November 4, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY FLETTER, a citizen of the United States, residing at Kalamazoo, county of Kalamazoo, State of Michigan, have invented a new and useful Nut-Lock, of which the following is a specification.

My invention has for its object an improved construction and combination of parts for locking nuts.

The general construction consists in a base plate or washer having an extension-center corresponding in size with the nut, and forming a base for said nut to rest against, a locking-band located around said extension-center and the portion of the nut engaging it, and a key located in open recesses in the nut and over the locking-band to hold said band in place.

In the drawings forming a part of this specification, Figure 1 is a top view; Fig. 2, side elevation; Fig. 3, base-plate; Fig. 4, locking-band; Fig. 5, the key; and Fig. 6 a perspective view with the locking-band and key detached.

D is a nut having open recesses *c c* at opposite corners in the side of the nut next to the center extension, *B'*, of the base-plate *B*. This base-plate *B* may be secured to the timber or metal through which the bolt *P* is located by screws, as in Figs. 1 and 6, or by other means; or when used as a washer lugs *v* may be formed on its side, Figs. 2 and 3, and located in mortises adapted to receive them. The locking-band *a* is made a little higher than the thickness or height of the center extension, *B'*, Fig. 2. In the operation, the nut *D*, having been screwed onto bolt *P* and resting against center extension, *B'*, as in Fig. 6, the

locking-band *a* is placed around said nut and center extension, Fig. 2, and the key *r* inserted over the locking-band and in recesses *c c*, as in Fig. 1. By means of the recesses *c c* being open, should the key *r* become so rusted in as to be difficult to be removed, said key may be readily opened by bending the arms laterally out of said recess, and a new key may be employed for future use.

If desired, in lieu of key *r*, for holding the locking-band *a* in place, spring-studs *S S* may be employed, said locking-band being pressed between said studs and the nut and its base-plate, as in Fig. 2.

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

1. The base-plate having a perforated center extension corresponding with the size of the nut used, in combination with a nut having the open key-recesses, and the locking-band and key, all substantially as described and shown.

2. A nut resting on a base extension corresponding with it in size, in combination with a locking-band, and means for holding said band in place, to effect the objects set forth, substantially as described.

3. A perforated base plate or washer provided with a center extension, and means to prevent it from turning, in combination with a nut having the corner recesses, a locking-band, and means for holding said band in place, substantially as set forth.

HENRY FLETTER.

Witnesses:

DAVID LILIENFELD,
J. BEROLZHEIMER.