

J. H. CHAMPION.

NUT-LOCK.

No. 184,835.

Patented Nov. 28, 1876.

Fig. 1.

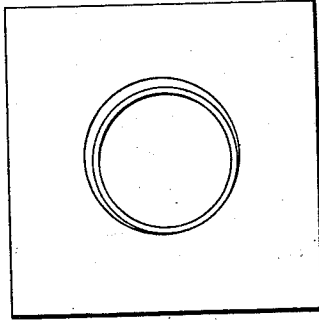


Fig. 2.

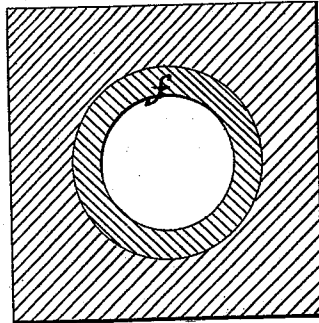
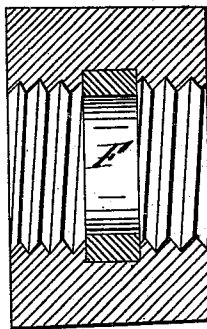


Fig. 3.



Witnesses

John W. Flanders
Geo. A. Fairfield.

Inventor

John H. Champion.

UNITED STATES PATENT OFFICE

JOHN H. CHAMPION, OF NEW LONDON, CONNECTICUT, ASSIGNOR OF ONE-FIFTH HIS RIGHT TO TREADWELL CLEVELAND, OF NEW YORK, N. Y.

IMPROVEMENT IN NUT-LOCKS.

Specification forming part of Letters Patent No. **184,835**, dated November 28, 1876; application filed August 26, 1875.

To all whom it may concern:

Be it known that I, JOHN H. CHAMPION, of the city of New London, county of New London, State of Connecticut, have invented a new and useful Screw-Nut, of which the following is a full description, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 represents a side view of the nut. Fig. 2 represents a cross-section. Fig. 3 represents a longitudinal transverse section.

The object of my improvement is to render a screw-nut less liable to be displaced by the ordinary motion to which it may be subjected.

To accomplish this purpose a recess or cavity is cut in the inside of the nut, about midway in the length of the screw. This recess is shown by the letters *f* and *F* in Figures 2 and 3.

By this means one or more of the threads of the screw are removed, and in the recess

or cavity made, as above mentioned, a piece of leather or other suitable material is securely fastened, and the nut is then ready for use.

When the nut is screwed into its position the threads on the bolt have cut into the leather or other material recesses exactly corresponding to the size of such threads, and the leather or other material acts as a close-fitting continuous pad or jam, unaffected from without, and the nut is thus more securely held in its place.

I claim as my invention—

A screw-nut made with a leather or rubber packing, secured in a circumferential recess or cavity cut midway in the length of the screw, substantially as described.

JOHN H. CHAMPION.

Witnesses:

JOHN W. FLANDERS,
GEO. A. FAIRFIELD.