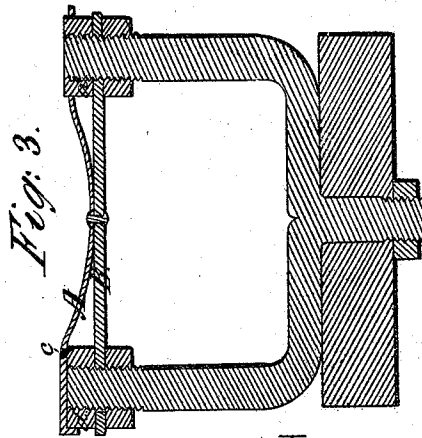
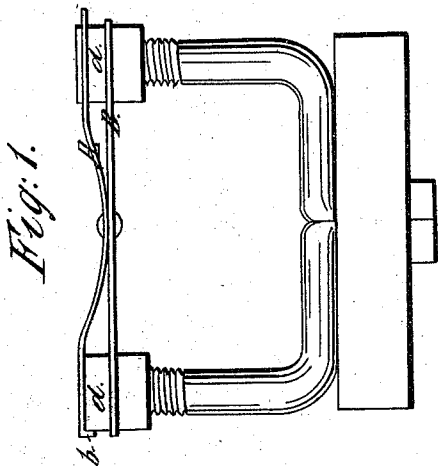
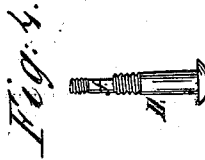
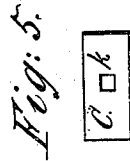
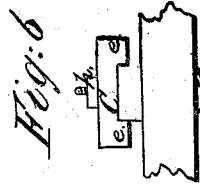
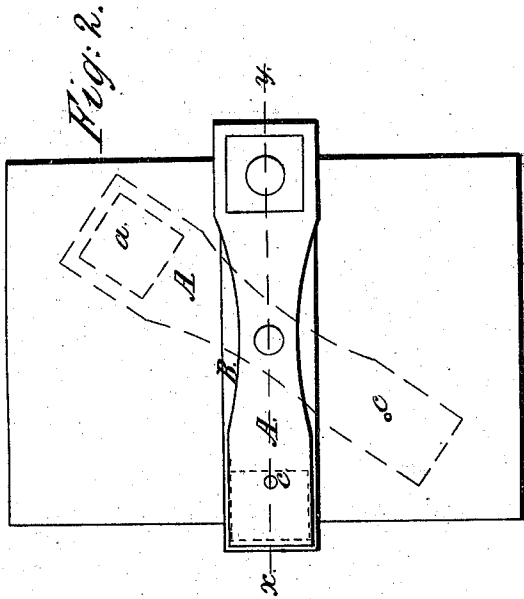


G. C. Stamper.

Nut & Bolt Fastenings.

N^o 99,132. Patented May 18, 1869.



Mitroesses.
Am. St. Rome
David a Burr

Inventor.
G. C. Stamper
by his Attorney
W. Burr.

United States Patent Office.

G. CARTER STAMPER, OF OSCEOLA, IOWA.

Letters Patent No. 90,132, dated May 18, 1869.

IMPROVEMENT IN NUT-LOCK.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, G. CARTER STAMPER, of Osceola, in the county of Clarke, and State of Iowa, have invented a new and useful Improvement in Nut-Locks; 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 accompanying drawings, making a part of this specification, in which—

Figures 1 and 6 are side elevations.

Figure 2 is a top view of spring-plate lock.

Figure 3 is a vertical section, as indicated by red line *x y* of fig. 2.

Figure 4 is a detached view of bolt.

Figure 5 is a detached top view of cap, showing square hole in centre.

Like letters of reference indicate like parts of the invention.

My invention consists—

First, of a pivoted spring-plate, provided with holes in each end, to fit over the nuts, or with flanges to fit against the outside of the nuts, or with teeth, or pins to fit in holes in the top of the nuts; the spring-plate being riveted, so as to be turned on or off to an inner plate, secured by outer nuts, locked by the spring-plate.

Second, of a cap, provided with flanges, to fit over the nut, and with a square hole to fit over the bolt, made with a square part outside of the nut, and held to its place by an outside nut, screwed on to the end of the bolt.

A represents a spring-plate, depressed in the middle and riveted to the inner plate B, as shown in figs. 1 and 3, so as to be turned on or off, as shown in fig. 2, and is made with square holes *a* at the ends, to slip over the outer nuts *d d*, (see fig. 2;) or with flanges *b*, to fit against the outside of the nuts, (see fig. 1;) or with teeth, or pins *c*, to catch in holes in the nuts, (see fig. 3.)

The inner plate B is made with holes at the ends, to slip loosely over the bolts, and is held in place by the outside nuts *d d*, screwed on the ends of the bolts, as shown in fig. 3.

C represents a cap, with flanges *e e*, fitting over the nut, and held in place by an outside nut, *h*, as seen in fig. 6.

D represents the bolt, made with a square part, *f*, above the screw, for the main nut *g*, which square part is for holding the cap C, which is made with a square hole, *k*, to fit over the bolt. (See fig. 5.) The end of the bolt is made smaller, and provided with a screw to receive and hold the outside nut *h*.

These locks may be used for one or more bolts, as required, and are designed for any case where the bolts pass through metallic substances, where there is no wooden surface upon which to screw the ordinary locks; but the riveted spring-plate lock is especially adapted for sickle-drivers, and for tying together railroad-rails, or bars.

The riveted plate A is turned into the position shown by red lines in fig. 2, till the outside nuts *d d* are screwed to their places, and then turned back on the nuts, as shown in figs. 1 and 3.

The cap-lock C is placed over the nut, as seen in fig. 6, the square part *f* of the bolt fitting in the square hole *k* in the cap, and preventing it from turning; and the outside nut *h* being screwed down upon the cap, holds it to its place.

The outside nut *h* may be locked, also, by a riveted spring-plate, similar to plate A.

Having thus fully described my invention,

What I claim therein as new, and desire to secure by Letters Patent, is—

1. The riveted spring-plate A, having at the ends holes *a*, or flanges *b*, or teeth or pins *c*, in combination with plate B and outer nuts *d d*, substantially as described.

2. Cap C, having flanges *e e*, and square hole *k*, in combination with bolt D, having square part *f*, and with nut *h*, substantially as described.

G. CARTER STAMPER.

Witnesses:

JAMES JENKINS,
JAS. H. READ.