

(No Model.)

A. R. CLARK.

METHOD OF LOCKING NUTS UPON BOLTS.

No. 252,186.

Patented Jan. 10, 1882.

Fig. 1

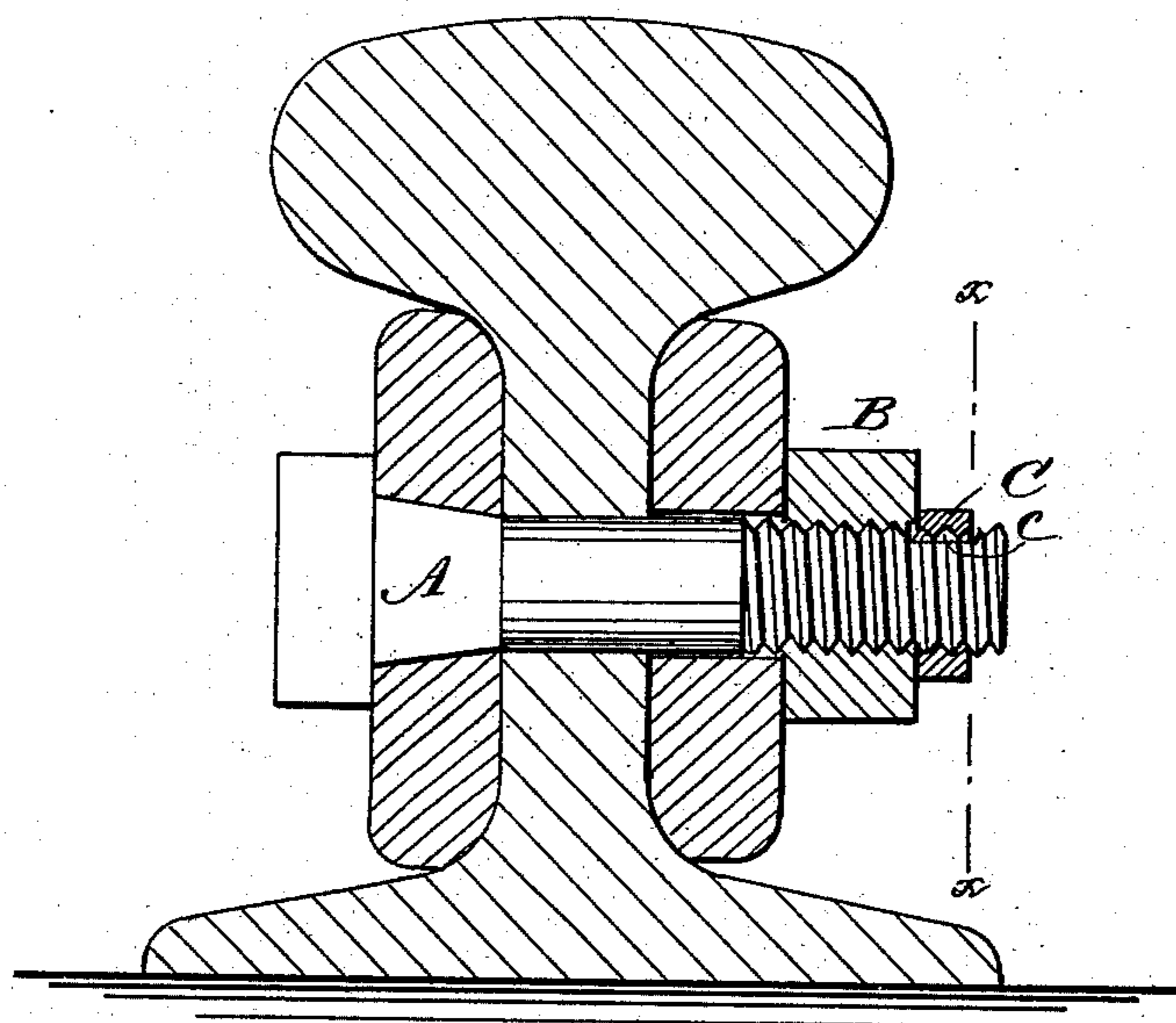


Fig. 2

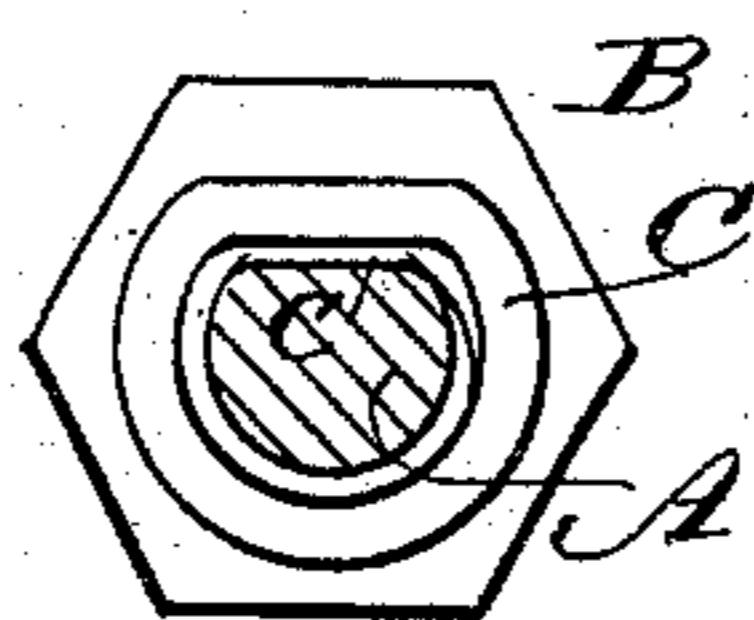
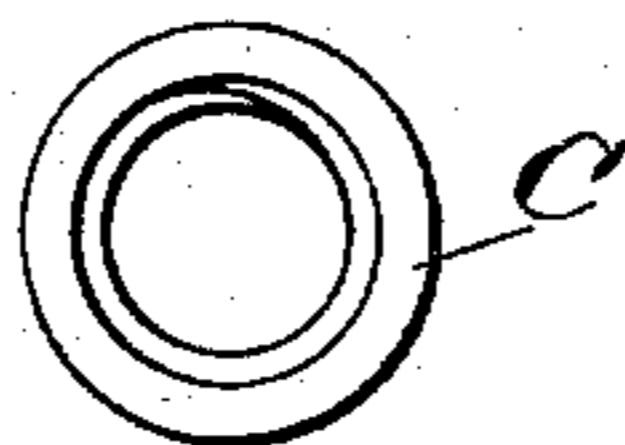


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALBERT R. CLARK, OF AMITE CITY, LOUISIANA.

METHOD OF LOCKING NUTS UPON BOLTS.

SPECIFICATION forming part of Letters Patent No. 252,186, dated January 10, 1882.

Application filed October 18, 1881. (No model.)

To all whom it may concern:

Be it known that I, ALBERT R. CLARK, of Amite City, in the parish of Tangipahoa and State of Louisiana, have invented a new and Improved Nut-Lock and Method of Applying the Same, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation of my improved nut-lock as it appears when locked in place. Fig. 2 is a sectional elevation taken on line *x x* of Fig. 1, and Fig. 3 is a plan view of the locking-ring.

A represents the bolt; B, the nut; and C, the locking-ring, which is of some soft metal.

In applying the ring the nut is first screwed up to place and then the threaded portion of the bolt is flattened near the nut, as shown at *c*, by filing or otherwise. Then by means of a suitable mold the locking-ring of yellow metal, Babbitt metal, zinc or pewter, or other soft and easily-fusible metal is cast around the bolt, so as to rest in the flattened portion of the bolt.

Instead of casting the locking-ring upon the bolt, the ring may be formed separately and screwed upon the bolt against the nut and then set in at the point where the bolt is flattened by a blow from a hammer or punch, thus embedding the ring in the cut-away portion of the bolt and thus effectively locking the nut.

If the nut is to be taken off, the locking-ring, being of soft metal, will yield to the unscrewing of the nut with a heavy wrench or with the addition of sufficient power to cut or break off the ring.

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

The method herein described of locking nuts upon screw-bolts, consisting in first flattening one side of the bolt near the face of the nut and then casting a metal ring around the bolt, so that a portion of the ring will rest in the flattened portion of the bolt, substantially as described.

ALBERT RICHARD CLARK.

Witnesses:

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