H. HEMELRIGHT.

Nut-Lock.

No. 206,566. Patented July 30, 1878.

Fig. 1.

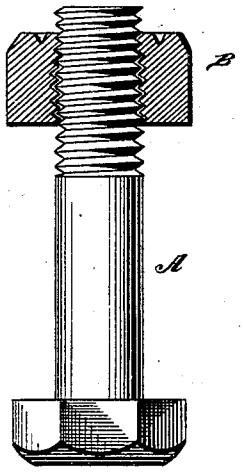


Fig. 2.

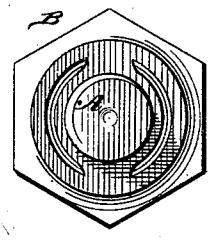
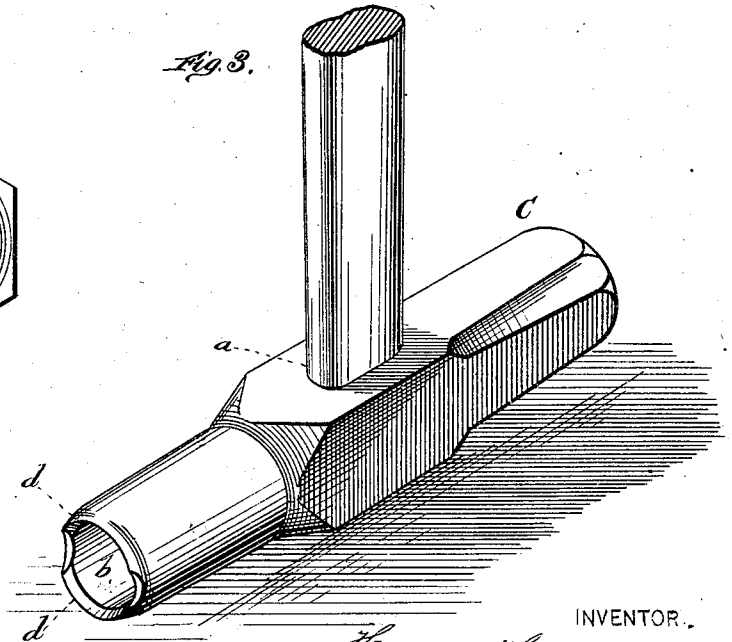


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

HENRY HEMELRIGHT, OF POTTSTOWN, PENNSYLVANIA, ASSIGNOR OF ONE-HALF HIS RIGHT TO EDMOND GUEST, OF SAME PLACE.

IMPROVEMENT IN NUT-LOCKS.

Specification forming part of Letters Patent No. **206,566**, dated July 30, 1878; application filed April 27, 1878.

To all whom it may concern:

Be it known that I, HENRY HEMELRIGHT, of Pottstown, in the county of Montgomery and State of Pennsylvania, have invented a new and valuable 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 annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a side view of a bolt, showing sectional view of nut as locked. Fig. 2 is a plan view of nut, and Fig. 3 is a perspective view of my tool for locking the same.

The object of this invention is to secure nuts on bolts and to prevent the same from becoming detached; and the novelty consists in the method of securing the nut to the bolt by crimping or forcing the threads of the nut into the screw-threads of the bolt, whereby a lock is formed, and in the construction of a tool for locking nuts on bolts, as will be hereinafter more fully set forth.

The annexed drawings, to which reference is made, fully illustrate my invention.

A represents an ordinary bolt, with a tap-nut, B, screwed on the end thereof. The tool for locking the nut on the bolt consists, as it were, of a hammer-head, C, with an eye, *a*, through it for the insertion of the handle. One end of the head forms an ordinary hammer, while the other end is drilled out, as shown at *b*, to fit any sized bolt that requires to be locked. At the end are formed two curved sharp edges, *d d*, as shown, made on the arc of a circle concentric with the hole *b*. This tool is slipped over the end of the bolt to the nut, and by then striking the opposite end of the tool with a hammer it crimps the nut into the thread of the bolt, and thereby locks the nut thereon. The sharp edges *d* of the tool form curved concentric recesses in the face of the nut.

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

1. The method of locking a nut on a bolt, which consists in applying the tap-nut to the ordinary bolt in the usual way, and then crimping or forcing the threads of the nut into the threads of the bolt by means of a tool, substantially as shown and described.

2. A tool for locking nuts on bolts, one face of which is provided with a hammer-head, C, and the other face recessed and provided with sharp penetrating edges *d*, concentric to the recess, and adapted for use as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HENRY HEMELRIGHT.

Witnesses:
F. H. AUCHY,
J. H. YORGEY.