

No. 898,333.

PATENTED SEPT. 8, 1908.

A. W. DAWES.

NUT LOCK.

APPLICATION FILED SEPT. 16, 1907.

FIG. 1.

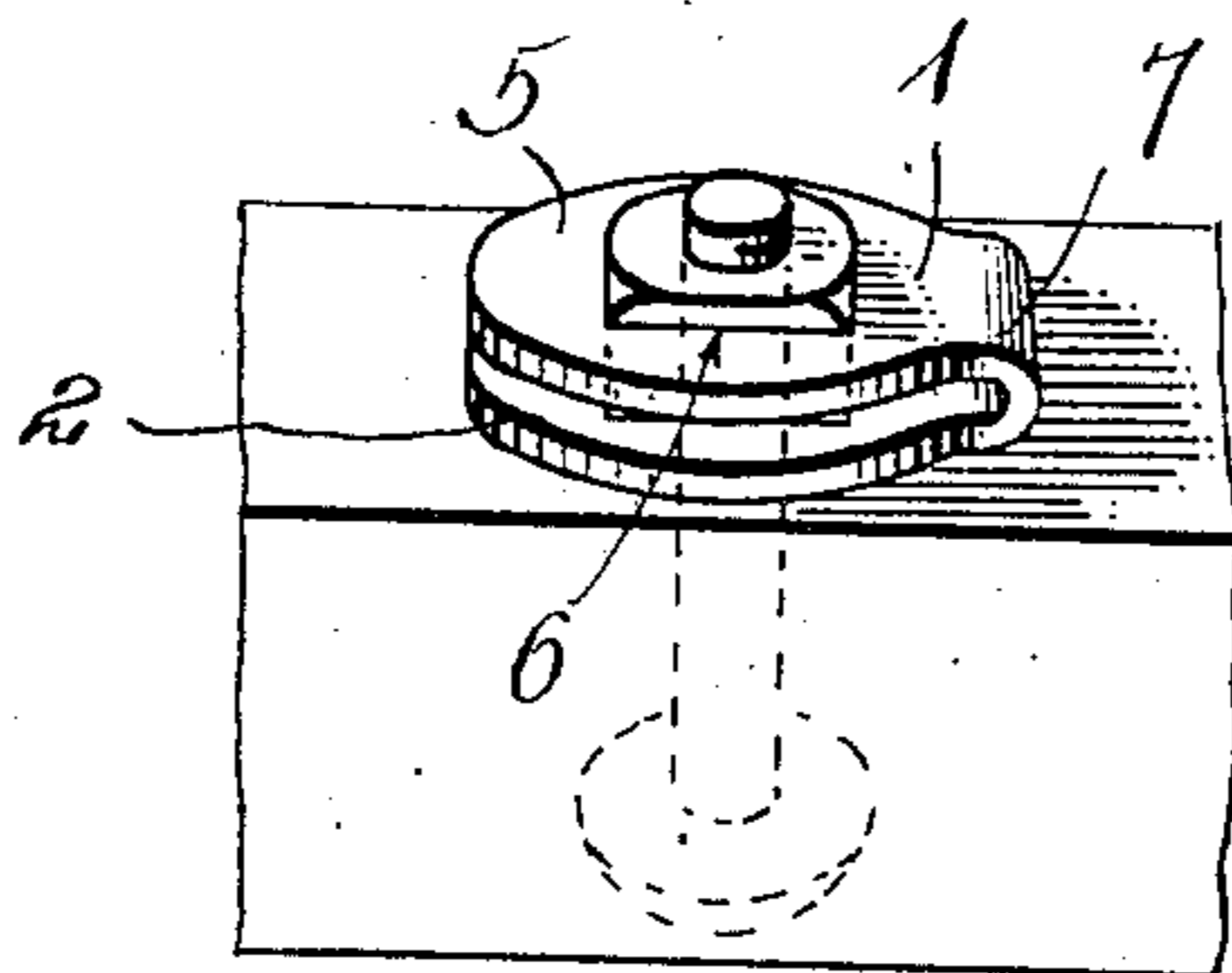


FIG. 2.

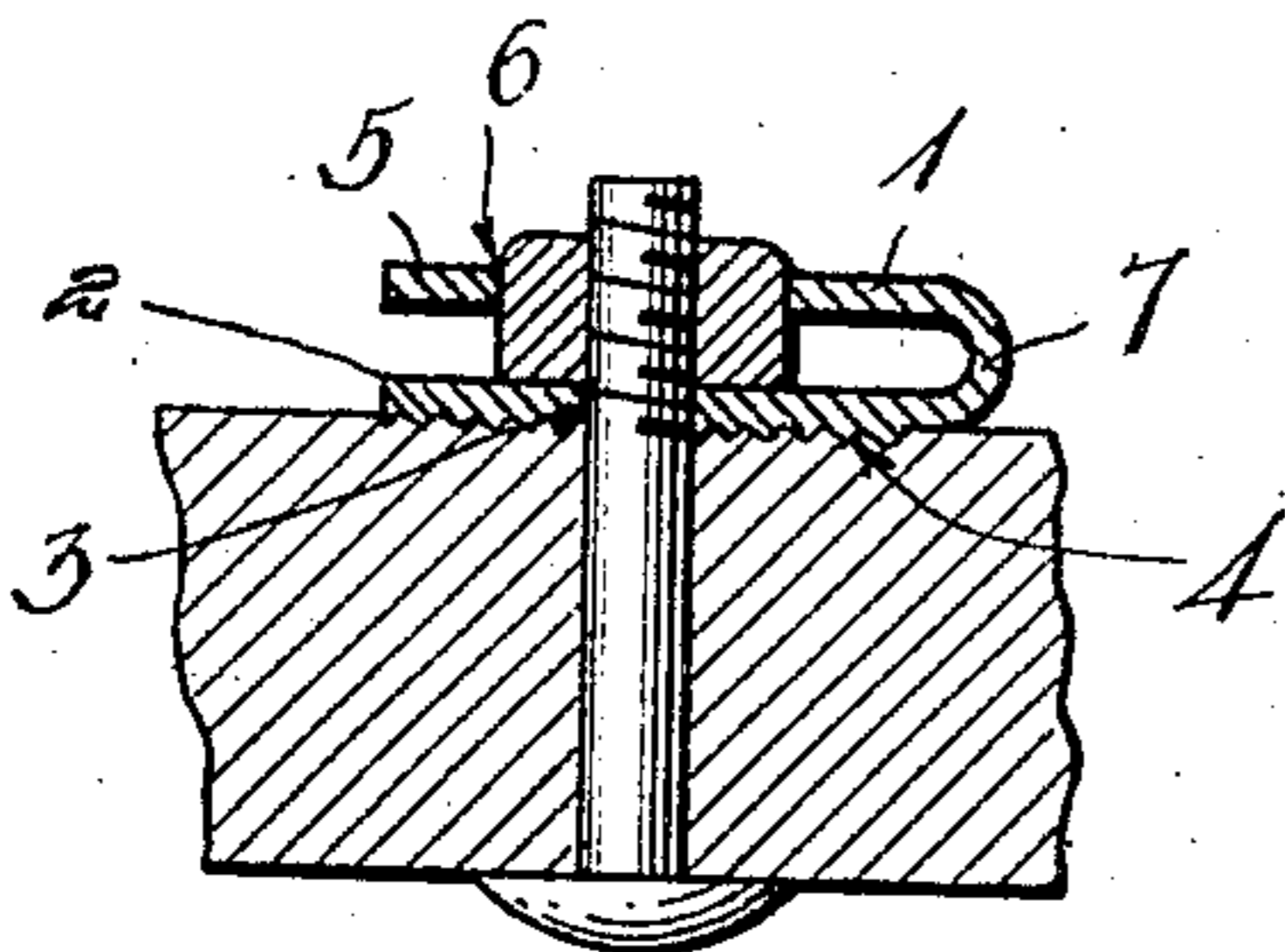


FIG. 3.

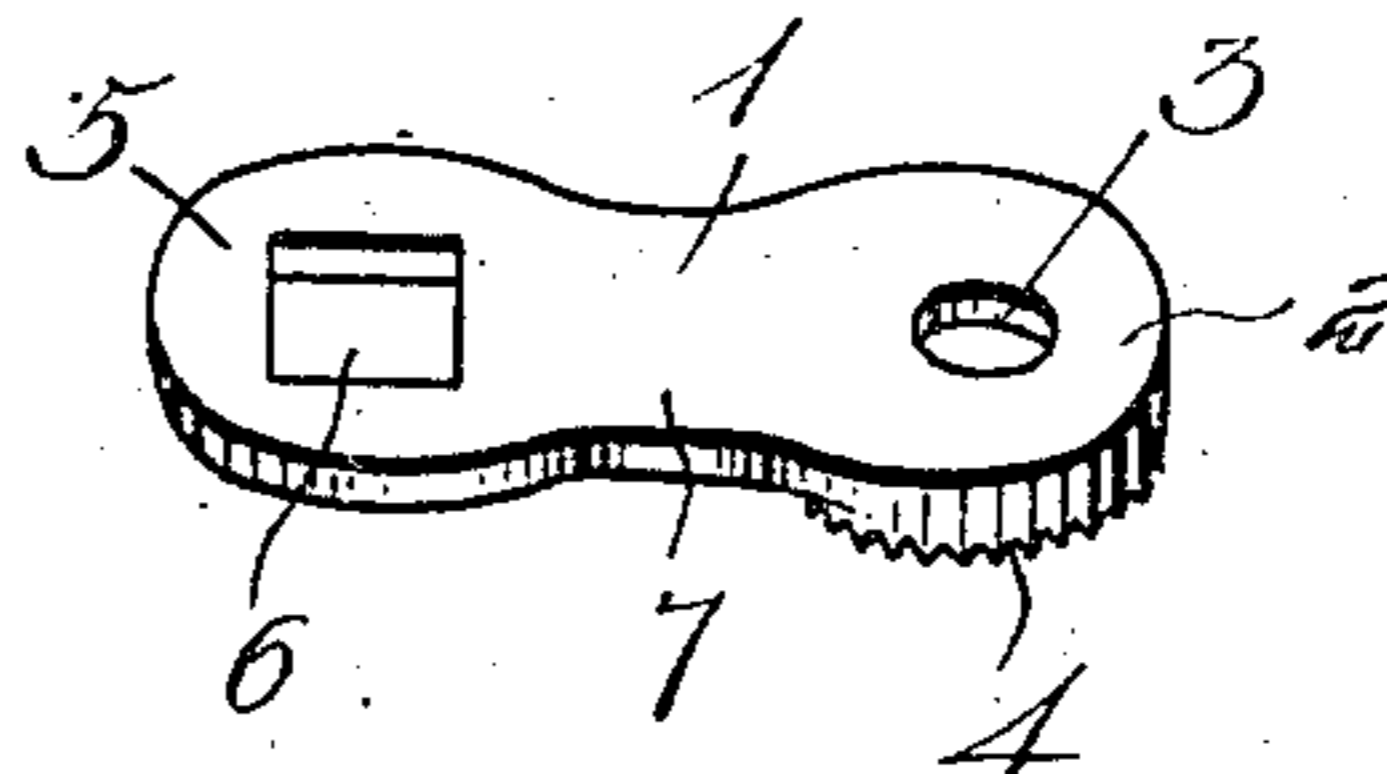
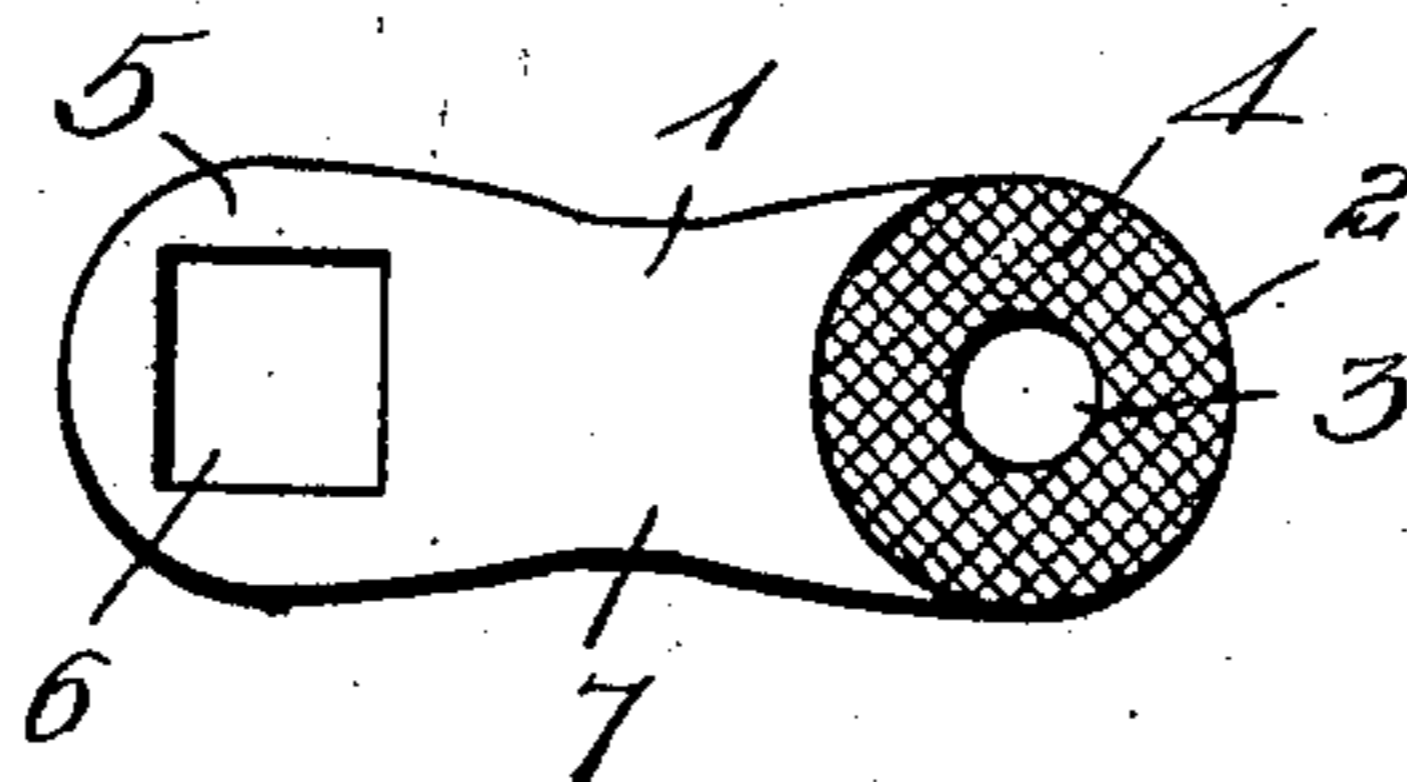


FIG. 4.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## NUT-LOCK.

No. 898,333.

Specification of Letters Patent.

Patented Sept. 8, 1908.

Application filed September 16, 1907. Serial No. 393,080.

*To all whom it may concern:*

Be it known that I, ALBERT W. DAWES, a citizen of the United States, residing at New Hope, in the county of San Joaquin and State of California, have invented certain new and useful Improvements in Nut-Locks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in nut locks.

The object of the invention is to provide a simple and efficient nut lock which may be readily applied to a bolt and nut to securely hold and prevent the latter from becoming loose.

A further object is to provide a nut lock which may be readily disengaged from the nut when desired, to permit the same to be screwed off the bolt.

With these objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be more fully described hereinafter and particularly pointed out in the appended claims.

In the accompanying drawing, Figure 1 is a perspective view of the lock, showing the application of the same; Fig. 2 is a vertical sectional view of the lock as shown in Fig. 1; Fig. 3 is a perspective view of the lock before being applied to a bolt and nut; and Fig. 4 is a plan view of the reverse side of the lock.

As shown in the accompanying drawing, the lock, 1, is formed from a single oblong piece of malleable metal, on one end of which is formed a bolt-engaging portion, 2, having formed therein a centrally disposed bolt-hole, 3. On the reverse side of the bolt-engaging portion, 2 which is thickened to provide additional strength, is formed a checkered or serrated surface, 4, which projects a slight distance beyond the main portion of the lock, said checkered or serrated surface being adapted to form a firm engagement with the article to which the bolt is applied, thus preventing the turning of the lock when the nut is being screwed up on the bolt.

On the opposite end of the lock is formed a nut-engaging portion, 5, in which is formed an angular opening, 6, adapted to be engaged with the nut when the latter is screwed up to proper position on the bolt. The bolt-

engaging portion, 2, and the nut-engaging portion, 5, are connected by an integrally formed slightly attenuated neck, 7, which is adapted to be bent or folded over upon itself when the portion, 5, is engaged with the nut. This neck is of approximately the same width as the end portions to prevent twisting or breaking thereof when turning pressure is applied to the nut.

In applying the lock the portion, 2, is engaged with the projecting end of the bolt, after which the nut is applied thereto and screwed up on said end into firm engagement with the portion, 2, thus tightly binding the serrated portion, 4, against the side of the object to which the bolt is applied. After the nut has thus been screwed up in place, the neck, 7, is bent over in position to engage the apertured portion, 5, with the nut, thus securely holding the same against movement in any direction. Should it be desired at any time to remove the nut from the bolt, the portion 5 is simply bent back out of engagement with the nut, when the same may be readily unscrewed in the usual manner.

A nut lock constructed as herein shown and described will be simple and inexpensive in construction, reliable in use and may be quickly applied to a bolt and nut without the use of a specially constructed tool.

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

A nut lock comprising an oblong body of pliable but non-resilient material whose ends are substantially round and are connected by a slightly attenuated neck, both of said ends being of the same area and adapted to mate when folded, one of said ends being thickened and roughened on its under surface and provided with a central hole to receive a bolt, the opposite end being of equal thickness with the neck and being provided with a centrally disposed squared opening, said last named end being folded over parallel with the first named end to engage the nut.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ALBERT W. DAWES.

Witnesses:

W. H. KOONTZ,  
CHAS. E. BECKER.