

(No Model.)

J. F. HUMPHREY.
NUT LOCK.

No. 548,612.

Patented Oct. 22, 1895.

Fig. 1.

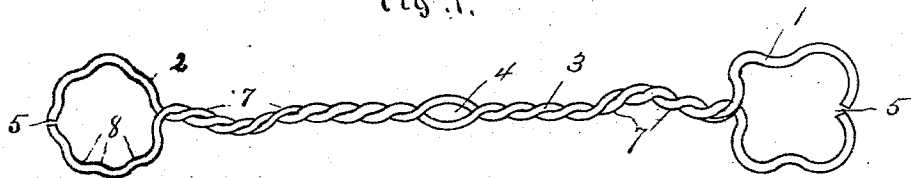


Fig. 2.

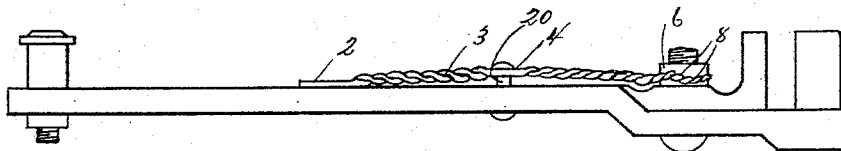


Fig. 3.

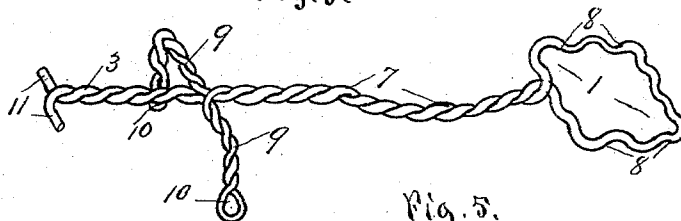


Fig. 4.

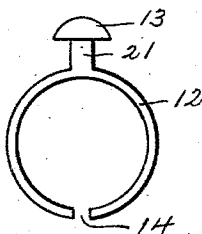


Fig. 5.

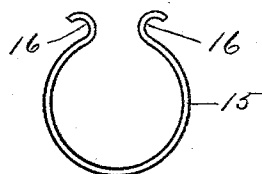
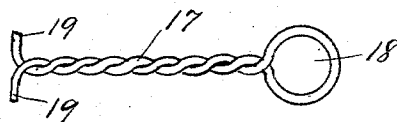


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

JAMES F. HUMPHREY, OF WICHITA, KANSAS, ASSIGNOR OF ONE-HALF TO
HENRY K. TULLER, OF SAME PLACE.

NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 548,612, dated October 22, 1895.

Application filed October 13, 1894. Serial No. 525,796. (No model.)

To all whom it may concern:

Be it known that I, JAMES F. HUMPHREY, a citizen of the United States of America, residing at Wichita, in the county of Sedgwick and State of Kansas, have invented certain new and useful Improvements in Nut-Locks, of which the following is a specification, reference being had therein to the accompanying drawings, and the figures of reference thereon, forming a part of this specification, in which—

Figure 1 is a plan view of my improved nut-lock. Fig. 2 is a side view of a pitman to a mowing machine with my improved nut-lock attached. Fig. 3 is a perspective view of the nut-lock, showing the corrugations in the nut-spanner. Fig. 4 is a side view of one means for securing the nut-lock. Fig. 5 is a side view of another means for securing the nut-lock, and Fig. 6 is a side view of still another means for securing the nut-lock.

This invention relates to certain improvements in nut-locks adapted to be used on all kinds of machinery; and it consists of wire bent with the corrugations in the manner shown and is adapted to be used on old machinery. The different means for securing the nut-lock are used to suit the many places in which nut-locks are used.

Referring to the drawings, 1 represents the spanner for an ordinary square nut.

2 shows the wires as they would be when bent around an octagonal nut.

3 represents the wires twisted together leading from the spanners to the opening 4, which is adapted to receive the different means for securing the nut-lock.

5 represents the ends of the wires of which the nut-lock is formed. The lock is made in this way so it can be used for different sized and shaped nuts simply by bending the wire to fit the shape of the nut.

6 represents a nut in Fig. 2.

20 represents a rivet for securing the nut-lock to the pitman by passing through the opening 4 in said nut-lock and through an opening in said pitman.

Either of the four other methods shown could be used in this place.

7 represents the wire 3 bent either to shorten the length from the securing-wires 9 to the spanner 1, or the opening 4 to the spanners, or to put the said spanner 1 in any de-

sired position in relation to the fastenings, said fastenings 9 being formed of the wires 3 and provided with loops 10, said arms 9 adapted to pass around the article holding the nut-lock and held in place by a piece of wire, which passes through said openings 10, and twisting them together, or through the medium of the opening 4, in connection with the parts shown in Figs. 4, 5, and 6.

11 represents one of each of the two wires bent out to form a bearing.

12 represents a wire band to be bent around an article to hold the nut-lock, as shown in Figs. 1 and 2, by passing the end 21 through the opening 4 and riveting or bending the wire to form the head 13.

15 is a piece of wire to be bent around the article holding the nut and the two ends 16 passing through the opening 4 and bent over the wires 3 for holding the nut-lock in place.

17 represents a wire twisted together, leaving the opening 18 at one end large enough to slip over the bolt. Then the nut is put on, after which the nut-lock is put on, so the opening 4 will correspond with the two ends of the wire 19, which pass up through the said opening 4 and are bent over the wires 3. The object of having these different means of securing the nut-lock is to provide a means for the many circumstances, so it can be sold to be placed on old machinery and to be able to fit in whatever place it may be used.

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

1. A nut lock formed of wires twisted together to form an arm, provided with the means for securing said nut lock, said arm being corrugated, said wires being bent to form a nut spanner at one end of said arm, with the wires corrugated.

2. A nut lock consisting of wires bent to form a nut spanner with the ends of said wire divided on one side of said nut spanner, said wires being corrugated as shown, each of the said wires twisted tightly together to form an arm, in combination with the means for securing said nut-lock.

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Witnesses:

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