P. P. JARGICK.

NUT LOCK.

APPLICATION FILED OCT. 20, 1908.

918,158. Patented Apr. 13, 1909.

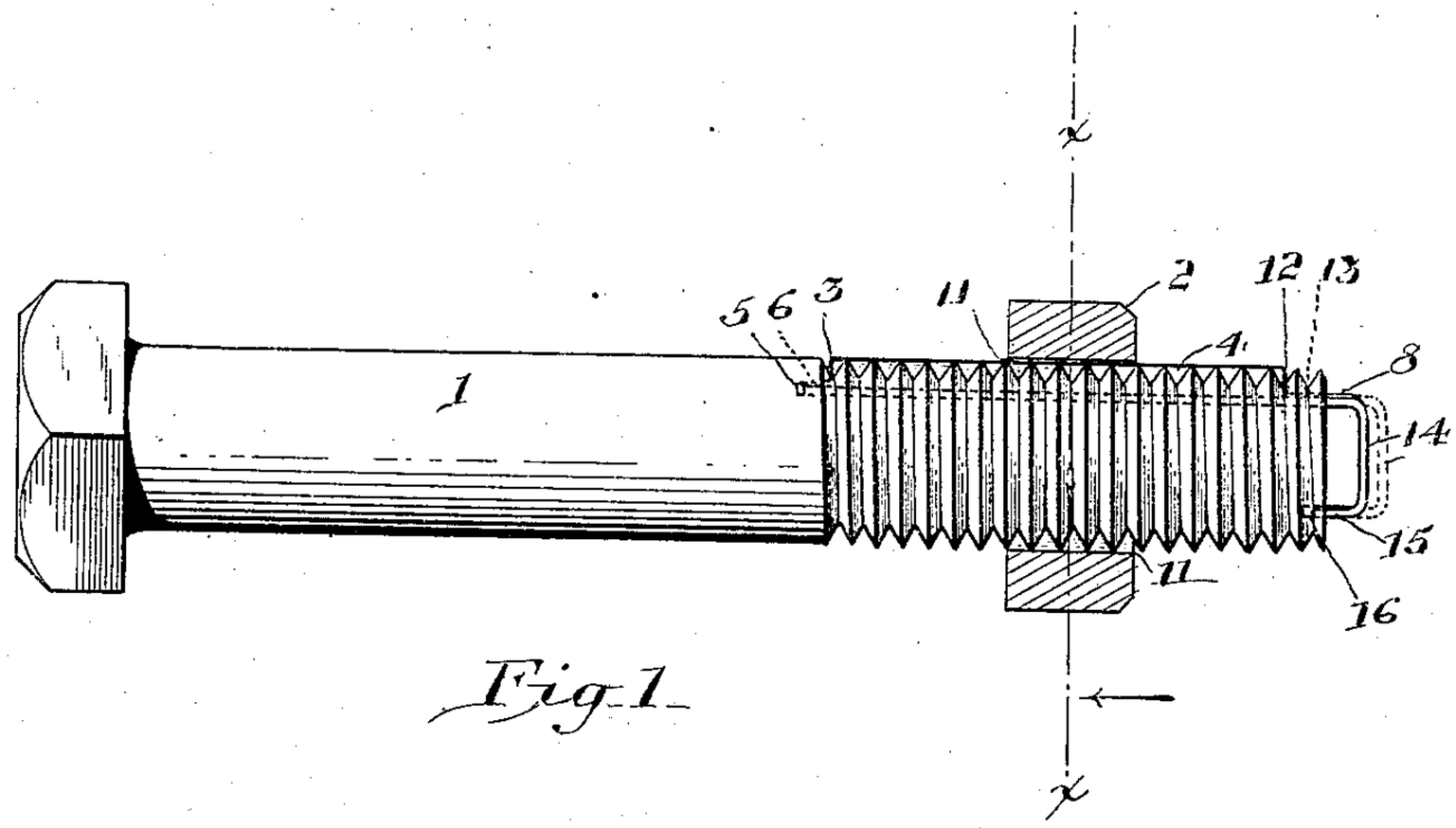

Fig. 1.

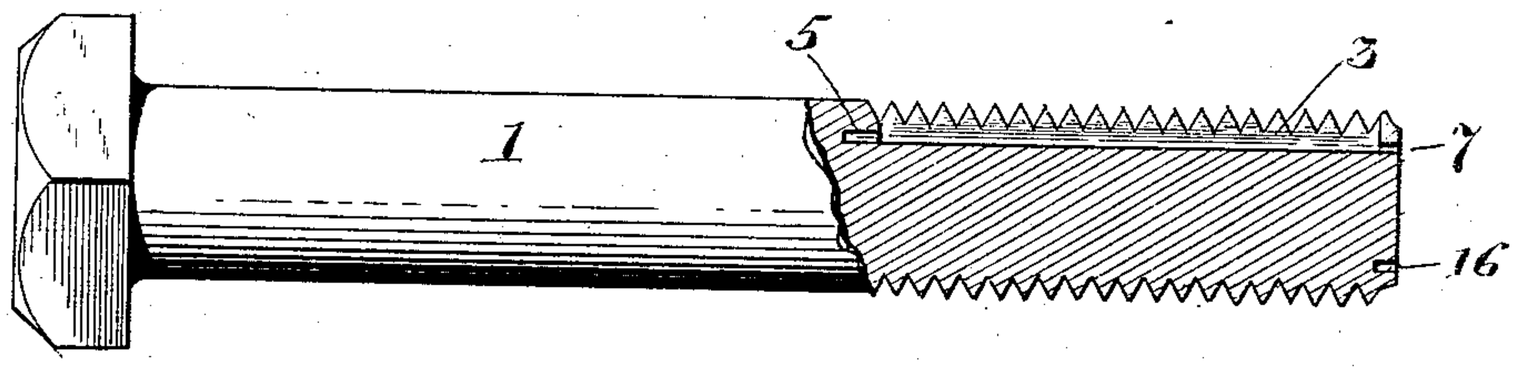

Fig. 2.

Fig. 3.

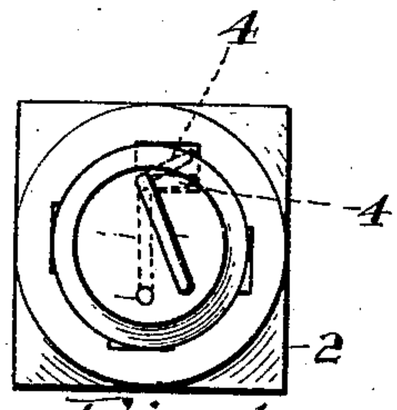

Fig. 4.

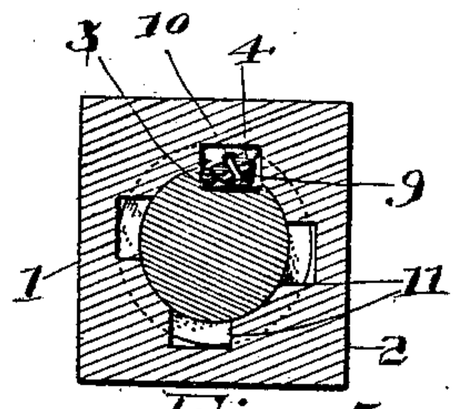

Fig. 5.

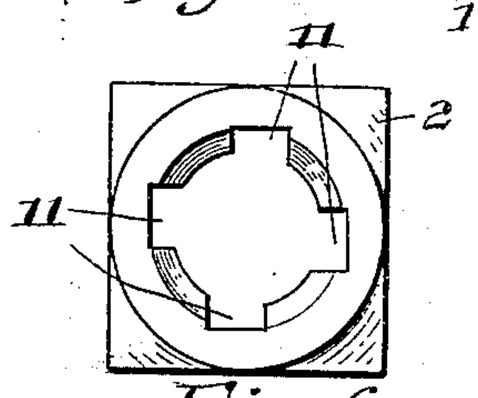

Fig. 6.

Witnesses:

H. C. Smith

R. C. Bretcher

Inventor:

Peter P. Jargick

By Joshua R. H. Potts

Attorney

UNITED STATES PATENT OFFICE.

PETER PAUL JARGICK, OF LA GRANGE, ILLINOIS.

NUT-LOCK.

No. 918,158. Specification of Letters Patent. Patented April 13, 1909.

Application filed October 20, 1908. Serial No. 458,607.

To all whom it may concern:

Be it known that I, PETER PAUL JARGICK, a citizen of the United States, residing at La Grange, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Nut-Locks, of which the following is a specification.

My invention relates to improvements in nut-locks, and has for its object to provide a device of this character which shall be simple and inexpensive in construction, and efficient and reliable in use.

The object of my invention is to provide a means of unlocking the locking element provided in the bolt, and a further object is to provide means for holding the unlocking means so that the nut will not be automatically locked.

Other objects will appear hereinafter.

With these objects in view, my invention consists in such a construction and arrangement of parts all as will be hereinafter fully described, and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a side elevation showing a section of the nut-lock, Fig. 2 is also a side elevation showing a portion broken away, Fig. 3 is a detail perspective view, Fig. 4 is an end elevation, Fig. 5 is a vertical transverse section taken on the line *x*—*x* of Fig. 1, and Fig. 6 is an end elevation of the nut.

Referring now to the drawings, 1 indicates the bolt, and 2 the nut adapted to be secured on said bolt. A longitudinal groove 3 is provided in the bolt 1 in which a locking member 4 is mounted. The locking member 4 comprises a metal plate having hinged pins or trunnions 6 and 8 extending from the opposite ends at one edge thereof whereby it is hingedly mounted. A recess 5 is provided at the inner extremity of the groove 3 adapted to receive the extension or trunnion 6 on the locking member 4, and a perforation 7 at the outer extremity of the groove 3 is adapted to receive the extension or trunnion 8 at the other end of the member 4. The member 4 is thus hinged and adapted to rotate about a longitudinal axis. A spring 9 is secured to the member 4 by means of a rivet 10 and is adapted to press said member outwardly. A plurality of channels 11 provided in the nut 2 are adapted to be engaged by the member 4 which prevents the rotation of said nut in one direction. The member 4 is shorter than the groove 3, one end of the former being at 12 and of the latter at 13 in order that the member 4 may have a slight longitudinal movement. The trunnion 8 is elongated and after being inserted through the perforation 7 is bent at right angles to form an arm 14 and then rearwardly parallel with the portion 8, forming a projection 15 adapted to engage a perforation 16 in the end of the bolt 1. Since the member 4 is slidable in the groove 3, it is obvious that the projection 15 may be released from the perforation 16, when the member 4 is adapted to automatically lock the nut 2. This action is clearly shown in Figs. 1 and 4 by dotted lines and constitutes the main feature of my invention.

In assembling the device the projection 8 is passed through the perforation 7 before being bent and the member 4 is sprung until the member 6 enters the recess 5.

While I have shown what I deem to be the preferable form of my invention, I do not wish to be limited thereto, as there might be changes made in the details of construction and arrangement of parts without departing from the spirit of my invention.

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

1. In a device of the class described, a bolt having a longitudinal groove substantially coextensive in length with the threaded portion of the bolt and a nut threaded on said bolt, a member hingedly mounted in said groove, a spring for normally holding the end of said member beyond the periphery of the bolt, said nut being provided with a recess on its inner face adapted to be engaged by the projecting edge of said member and an arm formed on said member for holding the same retracted against the tension of said spring, substantially as described.

2. In a device of the class described, a bolt having a longitudinal groove, said groove extending from a point adjacent the end of the bolt, and a nut threaded on said bolt, in combination with a member arranged in said recess and trunnions on the ends of said member, the ends of said groove being perforated to receive said trunnion, a spring for normally holding the end of said member beyond the periphery of the bolt, said nut being provided with a recess adapted to be

engaged by the projecting edge of said member, the trunnion at the end of the bolt being elongated and bent at right angles to the pivotal portion and then bent inwardly parallel thereto, and the end of said bolt being provided with a recess to receive the inwardly bent portion, and said member being shorter than said groove permitting longitudinal movement thereof to insert or withdraw said inwardly bent portion from said recess, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PETER PAUL JARGICK.

Witnesses:
JANET E. HOGAN,
HELEN F. LILLIS.