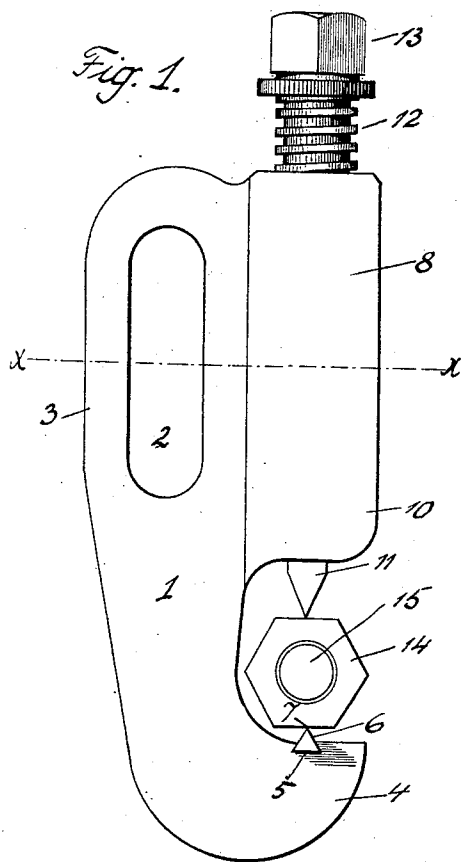
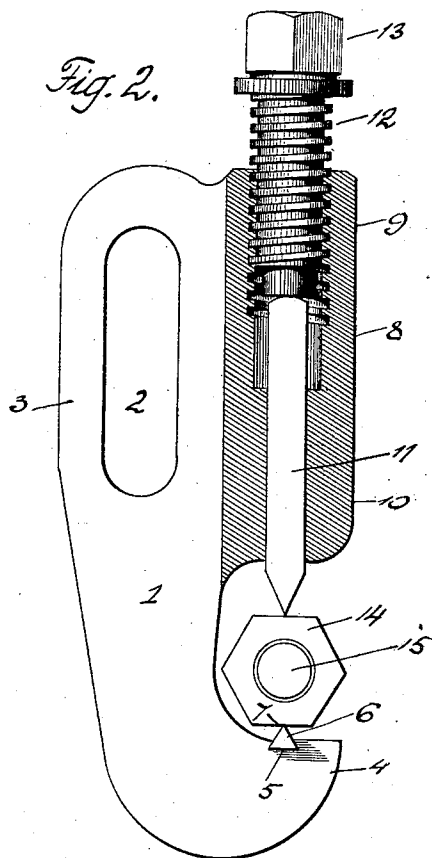
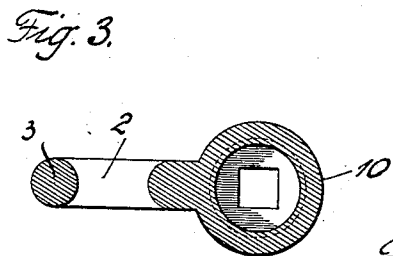
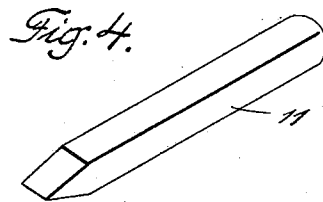
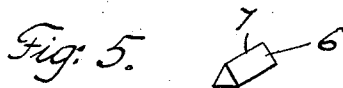


No. 870,441.

PATENTED NOV. 5, 1907.

J. J. KERR.
NUT CUTTING TOOL.
APPLICATION FILED AUG. 23, 1907.



Witnesses
A. H. Rabsaeg,
K. H. Butler

Inventor
J. J. Kerr,

By *H. C. Everett & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

JESSE J. KERR, OF DUNBAR, PENNSYLVANIA.

NUT-CUTTING TOOL.

No. 870,441.

Specification of Letters Patent.

Patented Nov. 5, 1097.

Application filed August 23, 1907. Serial No. 389,859.

To all whom it may concern:

Be it known that I, JESSE J. KERR, a citizen of the United States of America, residing at Dunbar, in the county of Fayette and State of Pennsylvania, have invented certain new and useful Improvements in Nut-Cutting Tools, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to nut cutting tools, and its object is to provide a simple and inexpensive but effective tool for removing nuts from bolts by splitting the nut.

It is well known that in removing nuts from bolts which have been in use for any considerable time, by means of a wrench, the threads of the bolt are liable to be broken or distorted, or the end of the bolt to twist off, thus preventing further use of the bolt.

The present invention comprises a tool capable of splitting a nut between clamping jaws, to permit of its removal by hand without the employment of a wrench.

The construction of the improvement will be fully described hereinafter, in connection with the accompanying drawing which forms a part of this specification, and its features of novelty will be set forth in the appended claims.

In the drawing, Figure 1 is a side elevation of the improved tool, Fig. 2 is a similar view partly in vertical section, Fig. 3 is a section on the line $x-x$ of Fig. 1, Fig. 4 is a view in perspective of the chisel employed, and Fig. 5 is a similar view of a die or anvil cooperating with the chisel.

The tool consists of a body portion 1 formed with a slot 2 to provide a handle 3. The lower end of the body 1 is projected to form a jaw 4 having a dove-tail groove 5 in its upper surface to receive a triangular steel die 6 having a cutting edge 7. The body 1 is also formed with an extension 8 bored throughout its length, the upper portion 9 of the bore being circular and formed with screw-threads, while the lower portion 10 of said bore is square in cross section to receive a chisel 11.

Within the threaded portion 9 of the tool is fitted a

screw 12, the lower end of which rests upon the upper end of the chisel 11, while its upper end is provided with a square or hexagonal head 13 to adapt it to be turned by a wrench. The numeral 14 designates the nut to be displaced from the bolt 15.

The utility and operation of the improved tool will be readily understood. The nut is firmly clamped between the die 6 and the sharpened end of the chisel by turning the screw 12, by means of a suitable wrench.

The chisel is forced into the nut, splitting it and enabling its fragments to be removed by hand. The threads of the bolt are thus left intact, and the utility of the bolt is unimpaired.

Having now described my invention what I claim as new, is:—

1. A nut-cutting tool, comprising a body portion provided with a projection having a longitudinal bore screw-threaded for a portion of its length, a sharpened die or anvil block supported by said body portion, a screw fitting the threaded portion of said bore, and a chisel supported within said bored projection below said screw.

2. A nut-cutting tool comprising a body portion slotted to provide a handle, and having a lateral projection formed with a longitudinal bore, said bore being of circular cross section and internally-threaded for a part of its length and of square cross section for the remainder of its length, a sharpened die or anvil block removably secured to the lower portion of the tool, a headed screw within the threaded portion of the bore, and a chisel fitting the squared part of said bore.

3. A nut-cutting tool comprising a body portion slotted to provide a handle, and having a dove-tail recess at its lower end, and also having a lateral projection bored throughout its length, said bore being of circular cross-section and threaded for a part of its length, and of square cross section for the remainder of its length, a triangular die or cutter fitting said dove-tail recess, a headed screw fitting the threaded portion of said bore, and a chisel-pointed cutter within the squared portion of said bore.

In testimony whereof I affix my signature in the presence of two witnesses.

JESSE J. KERR.

Witnesses:

HARRY IRONS,
M. D. WILLIAMS.