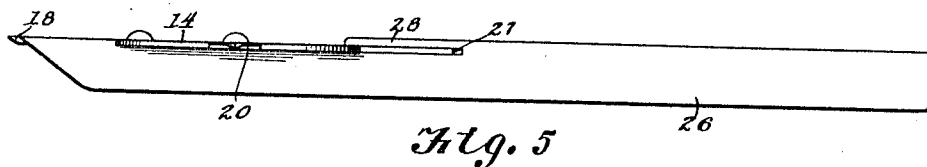
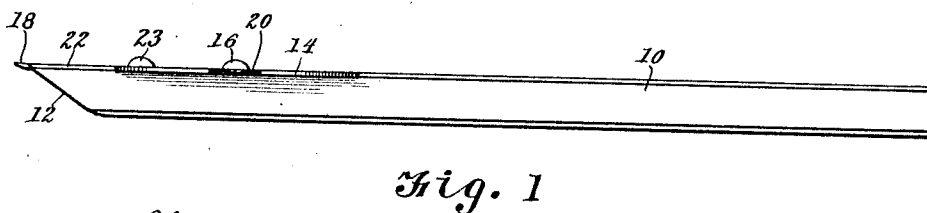
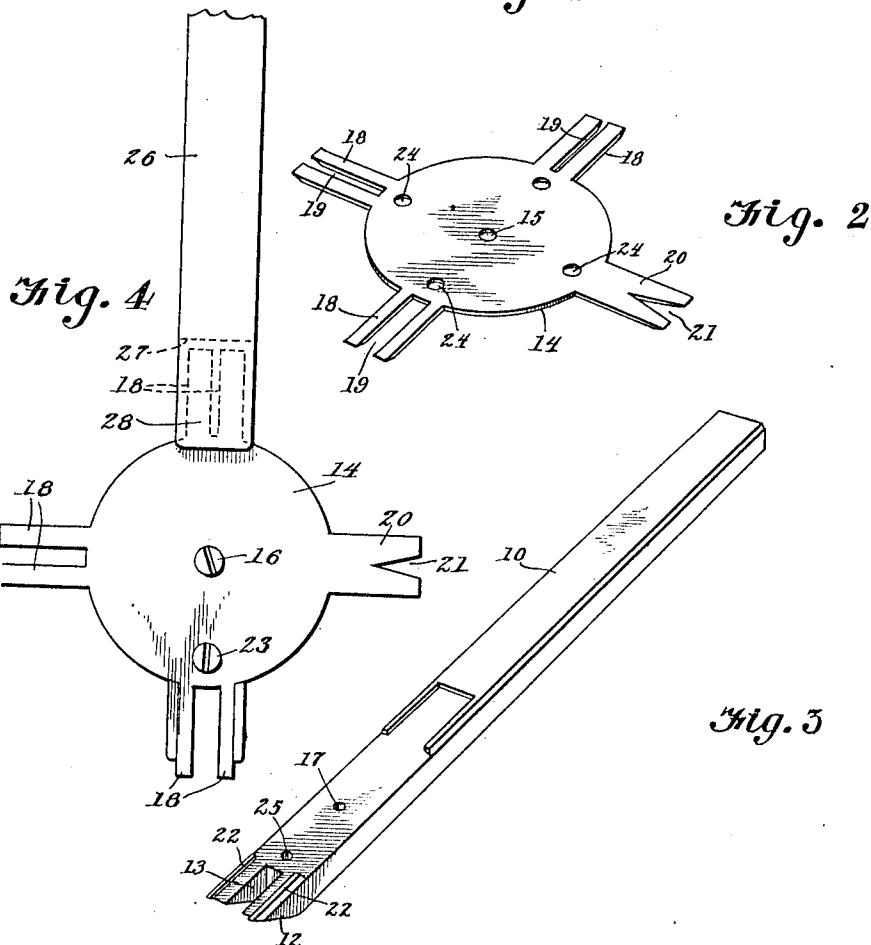
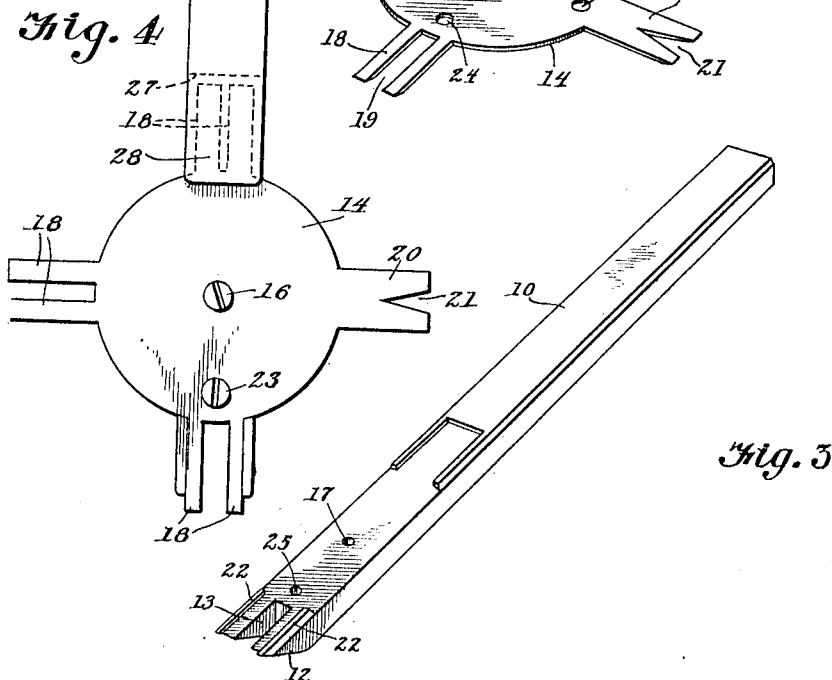


J. K. TAYLOR.
TOOL.
APPLICATION FILED MAR. 10, 1919.

1,313,758.

Patented Aug. 19, 1919.



Witnesses
Geo. C. Logan

Inventor
J. K. Taylor

By Victor J. Evans
Attorney

UNITED STATES PATENT OFFICE.

JOHN KENNEY TAYLOR, OF WINDSOR, ONTARIO, CANADA.

TOOL.

1,313,758.

Specification of Letters Patent.

Patented Aug. 19, 1919.

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To all whom it may concern:

Be it known that I, JOHN KENNEY TAYLOR, a subject of the King of Great Britain, residing at Windsor, in the county of Essex, Prov. of Ont., and Dominion of Canada, have invented new and useful Improvements in Tools, of which the following is a specification.

This invention relates to tools, especially designed for removing staples of the character employed in erecting wire fences and for removing nails and the like.

The object of the invention is to provide a tool of this character which may be readily inserted in position for use, and which may be adjusted to accommodate staples or nails of different sizes.

To this end the invention includes an adjustable tool element mounted for rotary movement upon a handle and having a plurality of radially disposed slotted arms of different sizes, adapted to be brought into register with a slot formed in the double end of the handle and means for holding the tool element in adjusted position.

The invention also includes the following novel features and details of construction, to be hereinafter more fully described and illustrated in the accompanying drawings.

In the drawings:

Figure 1 is an elevation of a tool embodying the present invention.

Fig. 2 is a detail perspective view of the adjustable tool element.

Fig. 3 is a similar view of the handle.

Fig. 4 is a top plan view of a modified form of the invention showing a different handle construction.

Fig. 5 is an edge view of Fig. 4.

Referring to the drawings in detail, wherein like characters of reference denote corresponding parts, the tool embodies a handle 10 of suitable size and shape, one end of which is beveled, as shown at 12 and is provided with a longitudinally disposed slot 13. Mounted upon the handle 10 is a disk 14, which is provided with a central aperture 15 for the passage of a bolt or screw 16, the latter entering an opening 17 provided in the handle, so as to provide for rotatably mounting the disk in position. The disk 14 is provided with a plurality of radially disposed arms 18, having radial slots 19 therein of different widths, the said slots preferably extending the length of the arms and being adapted to be positioned to regis-

ter with the slots 13 of the handle 10, the ends of the arms projecting slightly beyond the end of the handle. One of the arms 20 is provided with a tapered notch 21 to form a tack puller.

In the use of the tool the projecting ends of the arms are inserted behind the head of the nail or upon each side of the staple, these projecting ends serving to aid in initially positioning the tool, which may be further forced into position, the beveled end of the handle forming a fulcrum for joining the staple and nail. To aid in positioning the disk upon the handle, the latter is formed with spaced ribs or flanges 22, arranged upon each side of the arms, so as to provide shoulders between which the said arms may be seated. A fastening device in the form of a screw or bolt 23 is then passed through one of the openings 24 provided in the disk 14 and engages a threaded opening 25 in the handle 10 to securely hold the disk against movement. In Figs. 4 and 5, the disk 14 is similar in construction to the disk shown in the first mentioned form of the invention, the difference residing in the construction of the handle, the latter being indicated at 26. This handle is provided with a slot 27, which extends transversely therethrough for the reception of the radially disposed arms 18 of the disk 14. The formation of this slot provides a guard 28, which overlies the innermost arm 18, so that the hand of the person using the tool is protected from contact with the sharpened ends of the arm.

It is believed that when the foregoing description is read in connection with the accompanying drawings, the construction, use and advantage of the invention will be apparent. The right is reserved to make such changes as properly fall within the scope of the appended claims.

Having described the invention, what is claimed is:

1. A tool of the class described comprising a handle beveled at one end and having a longitudinally disposed slot in said end, a disk mounted upon said end and capable of rotation thereon, a plurality of radially disposed slotted arms carried by said disk, said arms being capable of having their slots brought into register with the slots of the handle with their ends projecting slightly beyond the adjacent ends of the handle to provide means for initially positioning the

tool, spaced flanges arranged in pairs upon the face of the handle to provide shoulders for engagement with the arms and means for holding the disk against movement.

- 5 2. A tool of the class described comprising a handle beveled at one end and having a longitudinally disposed slot in the opposite end, a disk mounted upon said end over the slot and capable of rotation upon the handle,
10 a plurality of radially disposed slotted arms carried by said disk, the slots of said arms

being adapted to be brought into register with the slot in the handle with their ends projecting slightly beyond the adjacent end of the handle to provide means for initially positioning the tool, means for holding the disk against movement and a guard member overlying the innermost arm of the disk, said guard member being formed by slotting the handle to receive said innermost arm. 15 20

In testimony whereof I affix my signature.

JOHN KENNEY TAYLOR.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."