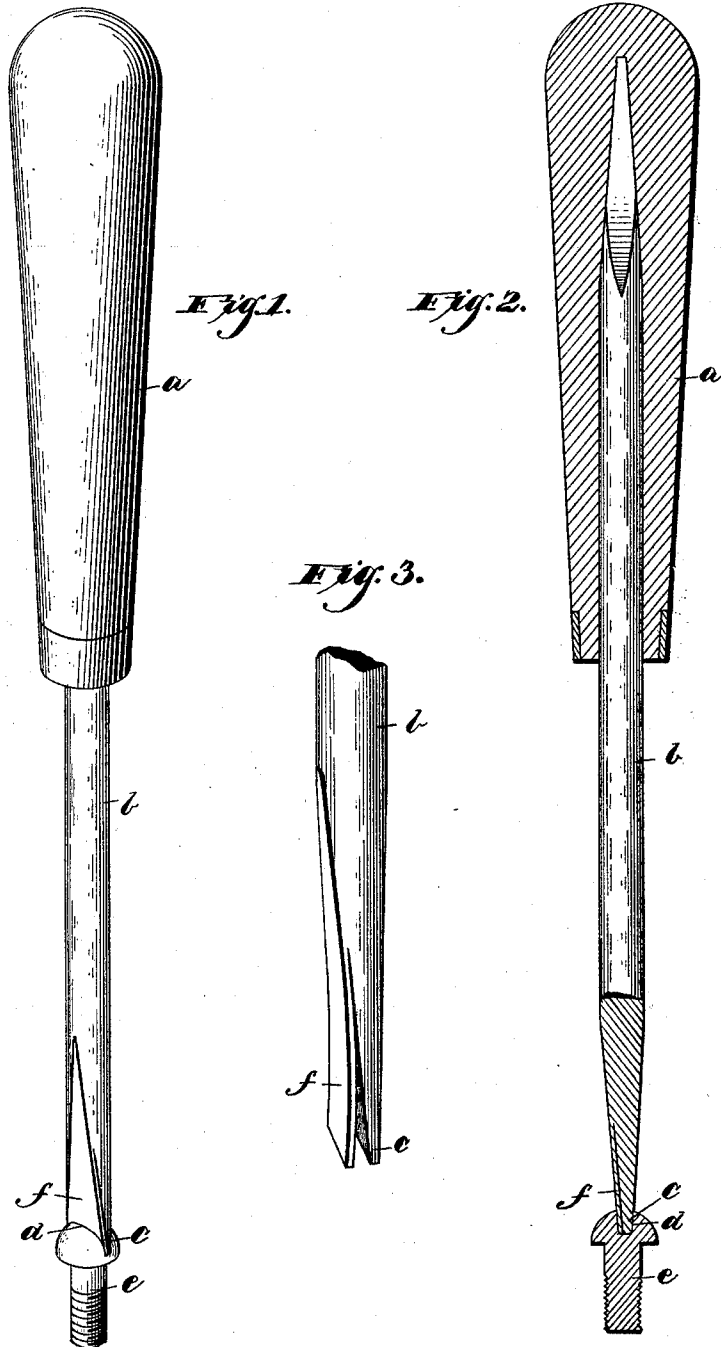


(No Model.)

S. I. SNYDER.
SCREW DRIVER.

No. 518,472.

Patented Apr. 17, 1894.



Inventor

Samuel I. Snyder.

Witnesses

Wm. J. Doyle.
J. R. Owens.

By *his* Attorneys.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

SAMUEL IDELL SNYDER, OF CLEARFIELD, PENNSYLVANIA.

SCREW-DRIVER.

SPECIFICATION forming part of Letters Patent No. 518,472, dated April 17, 1894.

Application filed February 10, 1894. Serial No. 499,786. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL IDELL SNYDER, a citizen of the United States, residing at Clearfield, in the county of Clearfield and State of Pennsylvania, have invented a new and useful Screw-Driver, of which the following is a specification.

My invention has for its object the production of a screw-driver which will more effectually hold the screw preparatory to driving it, and one which can be used with greater ease and speed than those heretofore known.

To this end the invention consists of a screw-driver having a rigid point capable of entering the screw slot and standing the pressure necessary to drive the screw, and provided with a spring-arm extending parallel therewith and adapted to enter the slot and to bind against the sides thereof, thus holding the screw on the tool and admitting it to be inserted into difficult and out of the way places.

In the accompanying drawings:—Figure 1 represents a perspective view of a tool constructed after the manner of my invention and shown in use; Fig. 2 a longitudinal section of the same including the screw; and Fig. 3 an enlarged perspective view of the screw end of the tool.

The letter *a* indicates the handle of the device, which may, of course, be of any construction, and *b* the tang. Formed integral with the tang *b* is the driving point *c*, which is adapted to enter the slot *d* of the screw *e*, as usual.

f indicates the spring arm aforesaid, and this may be formed integral with the tang *b*, or rigidly secured thereto, as preferred. The arm *f* projects out from the tang at a point near its end, and extends outwardly along-

side the point *c*, until its end is reached. This arm is the same shape as the point *c*, and its end normally lies a distance from the point equal to a little more than the width of the slot *d* in the screw. By this construction the screw is firmly held by the tool, and to secure the screw to the point all that will be necessary is to bring the end of arm *f* in engagement with one side of the slot *d* and press the arm thereagainst until it engages and lies flush with the point. The point may then be inserted in the slot, and the arm *f* will bind firmly against the side of the slot, thus holding the screw in place. The screw may then be carried to the place desired with perfect ease. By this device the difficulty of reaching out of the way places is entirely overcome, and at the same time the tool is constructed so as to be just as effective and durable as before.

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

A screw-driver comprising a point adapted to enter the slot in the screw and to bear the strain of the screwing operation, and a spring-arm having an outward tendency and secured to lie adjacent to the point and adapted to bear against one side of the slot in the screw, whereby the screw may be held by the tool, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

SAMUEL IDELL SNYDER.

Witnesses:

KARL IRWIN,
J. WADE SNYDER.