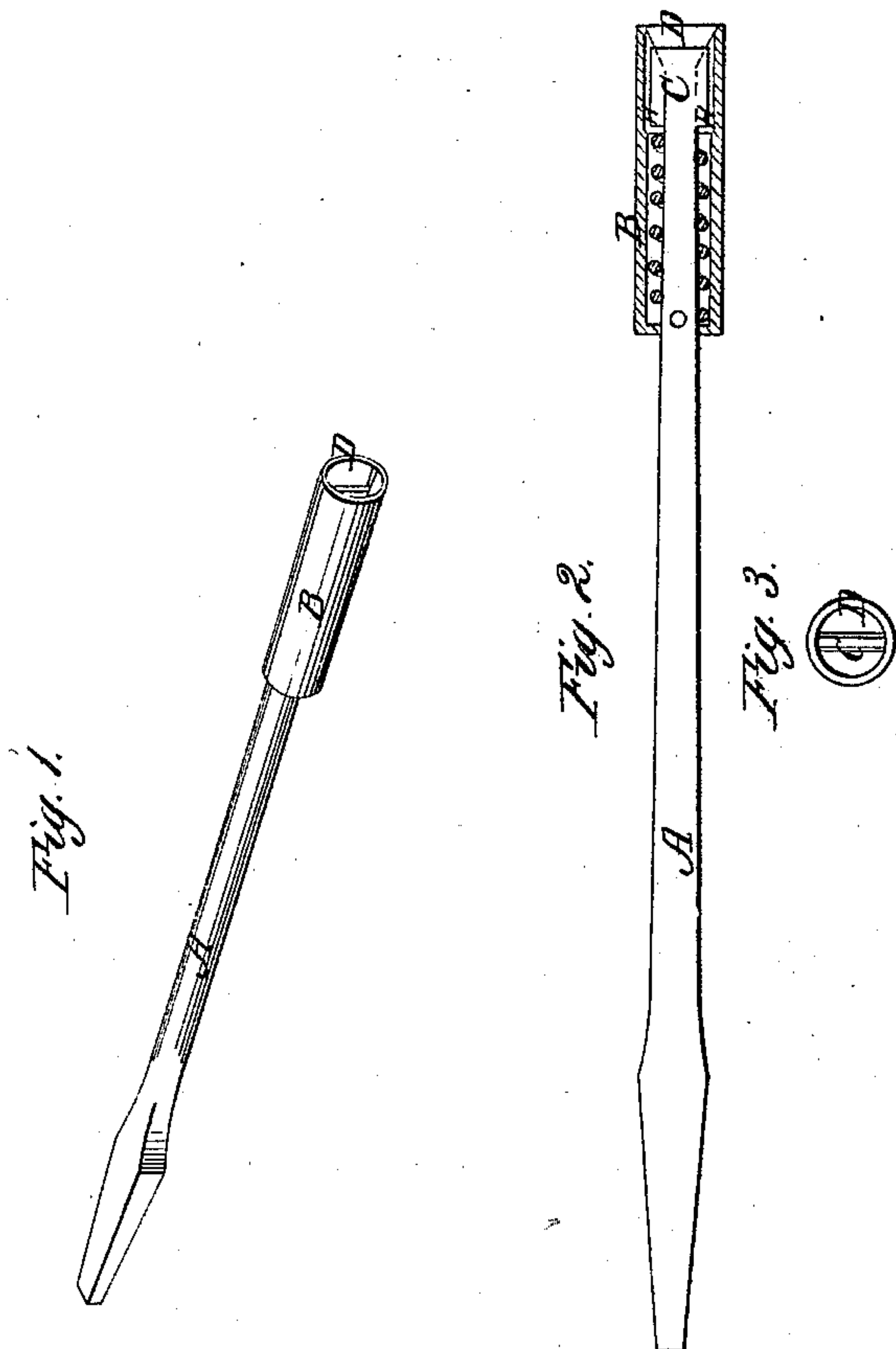


W. H. Martyn.

Screw Driver.

N^o 99,781.

Patented Feb. 15, 1870.



Witnesses:
Frank C. Parker
A. Henry Berry

Inventor:
W. H. Martyn.

United States Patent Office.

WILLIAM H. MARTYN, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 99,781, dated February 15, 1870.

IMPROVEMENT IN SCREW-DRIVERS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, WILLIAM H. MARTYN, of Boston, in the county of Suffolk, and State of Massachusetts, have invented certain new and useful Improvements in Screw-Drivers; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in combining with the iron of an ordinary screw-driver, a cylinder containing a cone-shaped socket. Said cylinder slides upon the iron of the screw-driver, and is kept down over the point of the screw-driver by a spring so as to enclose the head of the screw, and thus form a guard to prevent the point of the screw-driver from slipping from the nick in the head of the screw, as well as to prevent the head of the screw from splitting. The socket being conical it will fit various sized screws.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and use.

Drawings.

Figure 1 is a perspective view showing my invention complete.

Figure 2 is a longitudinal section of my invention.

A is an ordinary screw-driver, and may be fitted to a bit-stock, or be provided with an ordinary handle.

B is a metallic cylinder fitting on to the end of the screw-driver, as shown.

The lower end has a conical socket, D, and is also slotted, as shown at fig. 3, to admit the point of the screw-driver to slide freely.

S is a spring attached to A, and so arranged as to exert a pressure against the shoulders H H of the socket-piece B, thus holding the end D of the socket-piece beyond the point C of the screw-driver.

The socket D is made conical, so that it may fit the head of different sized screws.

The use of my invention is too obvious to require description.

Its advantages are that it serves as a kind of guide for applying the driver to the screw; it serves to prevent the driver from slipping from the nick of the screw, and also to prevent the head of the screw from splitting.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The combination of the screw-driver A C with the tube or socket B, when all the parts are constructed to operate as shown and described and for the purpose set forth.

WM. H. MARTYN.

Witnesses:

FRANK G. PARKER,
A. HUN. BERRY.