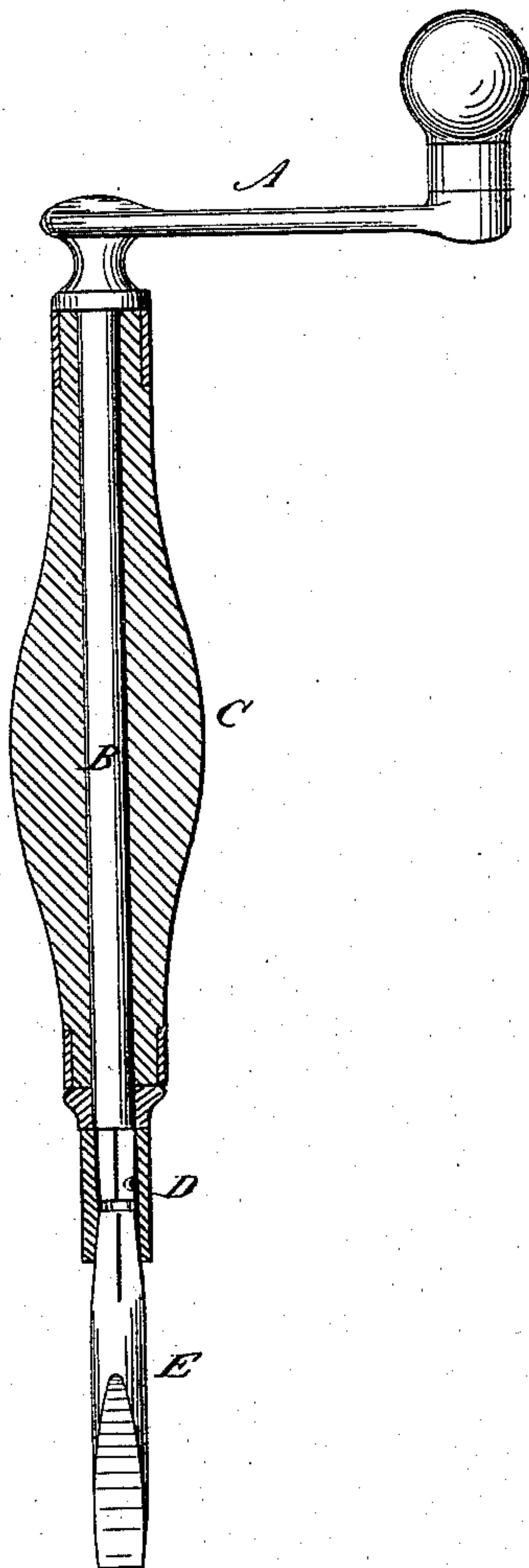


G. ABRAMS.
Crank Screw-Driver.

No. 219,425.

Patented Sept. 9, 1879.



WITNESSES:

C. Neveu
L. Sedgwick

INVENTOR:

G. Abrams
BY *Mum & Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE ABRAMS, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN CRANK SCREW-DRIVERS.

Specification forming part of Letters Patent No. **219,425**, dated September 9, 1879; application filed July 31, 1879.

To all whom it may concern:

Be it known that I, GEORGE ABRAMS, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Crank Screw-Drivers, of which the following is a specification.

The drawing is a side view of my improved implement, partly in section, to show the construction.

The object of this invention is to furnish an improved screw-driver or brace which shall be so constructed as to force the screws in and out quickly, which may be readily held in place in the slot of the screw-head, and which may be used in any place where an ordinary screw-driver can be used.

The invention consists in a crank screw-driver or brace formed of the shaft having a revolving handle placed upon it, and provided at its outer end with a small crank and at its forward end with a socket to receive a bit, as hereinafter fully described.

A is a small crank, which is made with a pivoted knob or handle, and is formed upon or rigidly attached to the end of a straight shaft, B. Upon the shaft B is pivoted a handle, C, and to its lower end is attached, or upon

it is formed, a socket, D, to receive the shank of a small screw-driver or bit, E. With this construction the bit E is exactly in line with the shaft B and handle C, so that it is easily held in the slot of the screw and kept from slipping out and marring the object into which the screw is to be driven, or from which it is to be withdrawn, while the crank A allows the screw to be turned in or out rapidly.

If desired, the screw-driving bit E may be detached and replaced with a boring-bit, so that the same implement may be used for forming the holes to receive the screws and for forcing the screws into the holes.

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

A crank screw-driver or brace formed of the shaft B, having a revolving handle, C, placed upon it, and provided at its outer end with a small crank, A, and at its forward end with a socket, D, to receive a bit, E, substantially as herein shown and described.

GEORGE ABRAMS.

Witnesses:

ROBERT A. BROWN,
WM. J. MCHENRY.