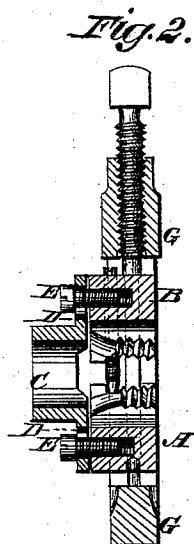
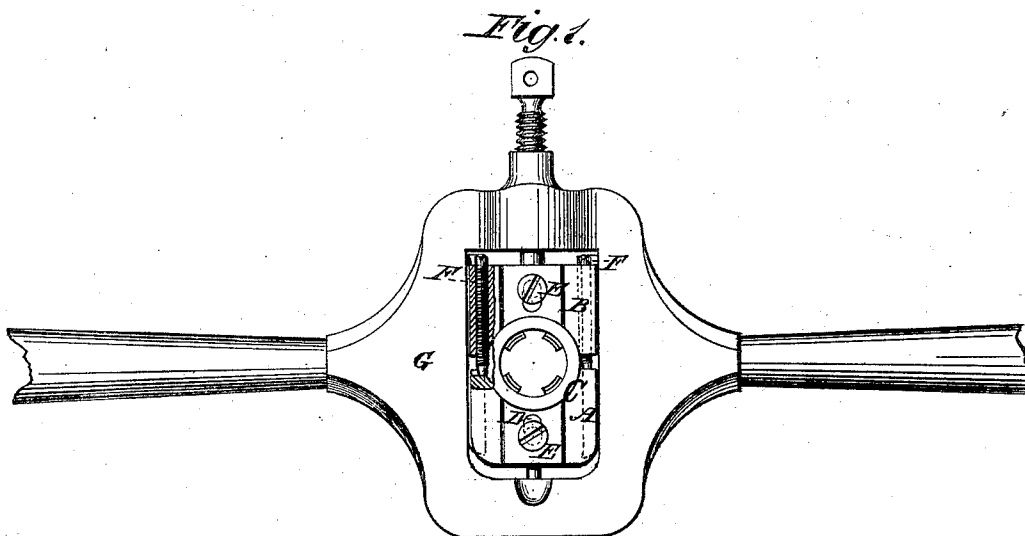


S. N. CUDWORTH & G. R. STETSON.

SCREW-CUTTING DIES.

No. 172,712.

Patented Jan. 25, 1876.



WITNESSES:

Francis M. Chatter,
John Goethals

INVENTOR:

G. R. Stetson and
BY *S. N. Cudworth*
Munn & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

SHADRACH N. CUDWORTH AND GEORGE R. STETSON, OF NEW BEDFORD, MASSACHUSETTS, ASSIGNORS TO THE MORSE TWIST DRILL AND MACHINE COMPANY, OF SAME PLACE.

IMPROVEMENT IN SCREW-CUTTING DIES.

Specification forming part of Letters Patent No. 172,712, dated January 25, 1876; application filed January 3, 1876.

To all whom it may concern:

Be it known that we, SHADRACH N. CUDWORTH and GEORGE R. STETSON, of New Bedford, Bristol county, Massachusetts, have invented a new and Improved Adjustable Die for Screw-Plates, of which the following is a specification:

The die consists of two parts, held together by means of a guide, which has holes for screws formed in it, which are elongated to admit of adjustment of the dies to which the guide is connected.

The invention also consists of two adjusting-screws fitted in the body of one part of die to secure the die positively after being adjusted, as above described.

The invention also consists of the improved adjusting die and guide connected with a screw-plate.

Figure 1 is a plan view of the improved die, with a part in section, and Fig. 2 is a sectional elevation.

Similar letters of reference indicate corresponding parts.

A and B represent the two parts of the die; C, the guide; D, the slotted holes in the guide; E, the screws for connecting the guide to the

die; and F, the screws in one part of the die for securing the die firmly when adjusted to the required position by shifting the two parts of the die along the guide.

This die and guide are fitted in a screw-plate, G, for working them in the manner of working ordinary dies.

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

1. The combination of the guide C, having slotted screw-holes D, with the die A B and the screws E, substantially as specified.

2. The combination of the fastening-screws F, die A B, set-screws E, and the guide C, having the slotted holes D, substantially as specified.

3. The combination of adjustable die A B, guide C, set-screw E, and the fastening-screw F with the screw-plate G, substantially as specified.

SHADRACH N. CUDWORTH.
GEORGE R. STETSON.

Witnesses:

FRANCIS B. GREENE,
T. M. STETSON.