G. R. STETSON.

Screw-Cutting Die.

No. 167,035. Patented Aug. 24, 1875.

Fig. 1

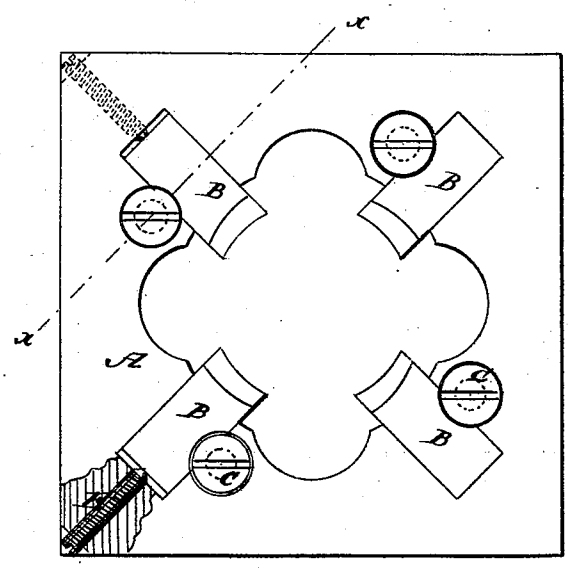
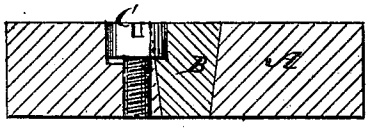


Fig. 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE R. STETSON, OF NEW BEDFORD, MASSACHUSETTS.

IMPROVEMENT IN SCREW-CUTTING DIES.

Specification forming part of Letters Patent No. **167,035**, dated August 24, 1875; application filed August 6, 1875.

To all whom it may concern:

Be it known that I, GEORGE R. STETSON, of New Bedford, in the county of Bristol and State of Massachusetts, have invented a new and Improved Screw-Cutting Die, of which the following is a specification:

In this improvement the chasers are fitted in sockets of a solid die, tapered so that the chasers are held by a binding-screw at one side of each, and two of the chasers are provided with an adjusting-screw to set them up toward the others as the chasers wear away. The arrangement affords a simple means of holding, and detaching and attaching chasers for changing from one size of thread to another, and of setting them up as they wear.

Figure 1 is a plan view of my improved die, with a part in horizontal section, and Fig. 2 is a transverse section of Fig. 1 on line *x x*.

Similar letters of reference indicate corresponding parts.

A is the solid die-stock, in which the chasers B are fitted in slots tapered in the transverse direction of the chasers, as shown in Fig. 2, so that they are held in place by a screw, C, screwing down against the wide side, being a simple arrangement, very cheap to construct and easy to change. Two of the chasers have an adjusting-screw, E, for setting them up to compensate for wear.

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

1. The chasers B fitted in tapered slots in the solid die-stock A, and secured by a binding-screw, C, in the manner described.

2. The combination, with the chaser B fitted in a tapered slot and secured by a binding-screw, C, of an adjusting-screw, E, substantially as specified.

GEORGE R. STETSON.

Witnesses:

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