

G. KREMENTZ.

Dies for Enlarging and Sizing Plain Finger-Rings.

No. 140,422.

Patented July 1, 1873.

Fig. 1

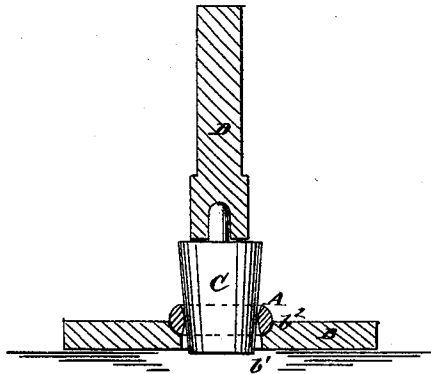
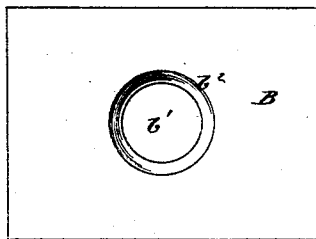


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

GEORGE KREMENTZ, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN DIES FOR ENLARGING AND SIZING PLAIN FINGER-RINGS.

Specification forming part of Letters Patent No. **140,422**, dated July 1, 1873; application filed April 12, 1873.

To all whom it may concern:

Be it known that I, GEORGE KREMENTZ, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Enlarging and Sizing Plain Finger-Rings, of which the following is a specification:

Figure 1 is a detail sectional view of the die and plunger. Fig. 2 is a face view of the lower or stationary die.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved device for enlarging and finishing plain finger-rings, which shall be simple in construction, convenient in use, and effective in operation, bringing the ring to exactly the required size. The invention consists in the die and plunger constructed, as hereinafter more fully described, for enlarging and sizing plain rings, as set forth.

A represents the ring to be sized. B represents the lower or stationary die, which has a hole, b^1 , formed through it of such a size as to allow the plunger C to pass through it freely. In the upper end of the hole b^1 is formed a

rounded recess or concave shoulder, b^2 , to receive the ring A. The plunger C is made tapering or conical, and with its upper part of exactly the size required for the ring. Upon the upper end of the plunger C is formed a tenon to enter a hole in the lower end of the holder D, by which the said plunger C is forced through the ring A.

In using the device the ring A is placed in the recess b^2 of the die B, and the plunger C is forced through it by the holder D, bringing the ring to exactly the required size, and leaving it perfectly true. As the holder D returns the plunger C drops from it.

A different-sized plunger must be used for each required size of ring.

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

The die B, having hole b^1 and concavity b^2 , combined with a tapering plunger, C, to size rings, in the manner described.

GEORGE KREMENTZ.

Witnesses:

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