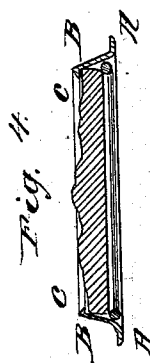
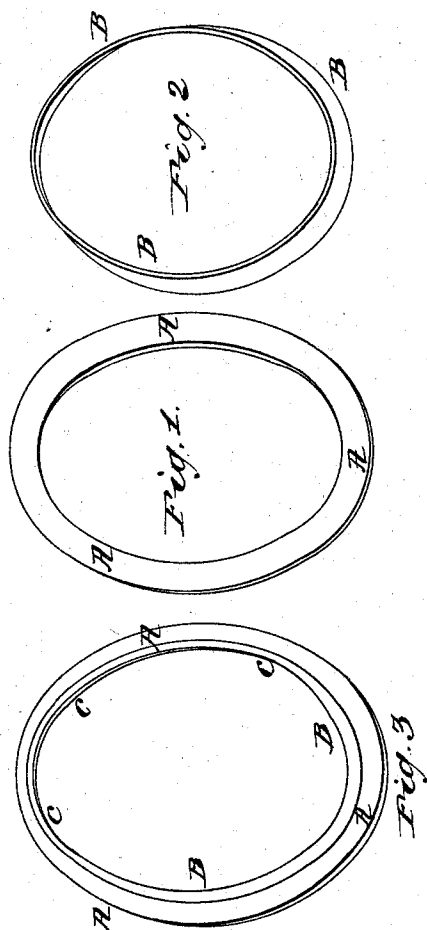


T. J. Linton,

Setting Gems,

N^o 26,371.

Patented Dec. 6, 1859.



Witnesses

Joseph S. Ottman
Henry Earle

Inventor.

Thos. J. Linton

UNITED STATES PATENT OFFICE.

THOMAS J. LINTON, OF PROVIDENCE, RHODE ISLAND.

MOUNTING PRECIOUS STONES, &c.

Specification of Letters Patent No. 26,371, dated December 6, 1859.

To all whom it may concern:

Be it known that I, THOMAS J. LINTON, of the city and county of Providence, in the State of Rhode Island and Providence Plantations, have invented a new and useful Improvement in the Manufacture of Mountings for Precious Stones and other Articles of Jewelry which are to be Mounted; and I do hereby declare that the following is a full and exact description of my improvement, reference being had to the accompanying drawings.

Mountings for precious stones, have before my improvement been made as follows: A bar of gold or other metal, of the requisite length, width and thickness is so bent that the ends are brought together and soldered, forming the border as in Figure 1. Another bar of metal, suitable for the setting, is also prepared by bending and soldering, in the shape as represented in Fig. 2. The border and the setting are then, by the workman, soldered together, and the upper edge of the setting turned inward by a burnisher, forming a beveled edge to receive and secure the stone to be mounted. These several processes are slow and expensive, requiring many hands, and a variety of implements.

My improvement consists in making the border, the setting, and the beveled edge of the setting, from a single piece of metal, and at one operation. This is done by means of a die, cut in the form required for the shape and size of the stone to be mounted, on which the sheet of metal is placed, and the mounting is struck into the required forms

by a single blow of the hammer upon the die, thereby saving several operations and producing an article more perfect in all its parts and possessing greater strength than those made in the old mode. The beveled edge in the upper part of the setting being formed at the same time, its more exact and regular than when made by the burnisher in the mode heretofore practiced, and holds the stone more securely. The bevel is of such depth as may be necessary for holding the stone, or as taste may dictate, the metal within the beveled edge being cut out in the usual manner.

Fig. 3, represents the mounting complete, A A A A, being the border, B B B B the setting and C C C C the beveled edge. Fig. 4 represents a sectional view of the mounting holding the stone, the above letters being applicable to all the figures.

What I claim as my invention and desire to secure by Letters Patent is—

The improvement in making mountings for precious stones and other articles of jewelry which are to be mounted by forming the border, setting and beveled edge from a single sheet of metal at one operation by the use of a die in the manner described. The mountings being in an oval, round, square or other form, as the article to be mounted may require.

THOS. J. LINTON.

Witnesses:

HENRY EARLE,
JOSEPH S. PITMAN.