

R. B. HUBBARD.
Jewel Stone-Settings.

No. 157,332.

Patented Dec. 1, 1874.

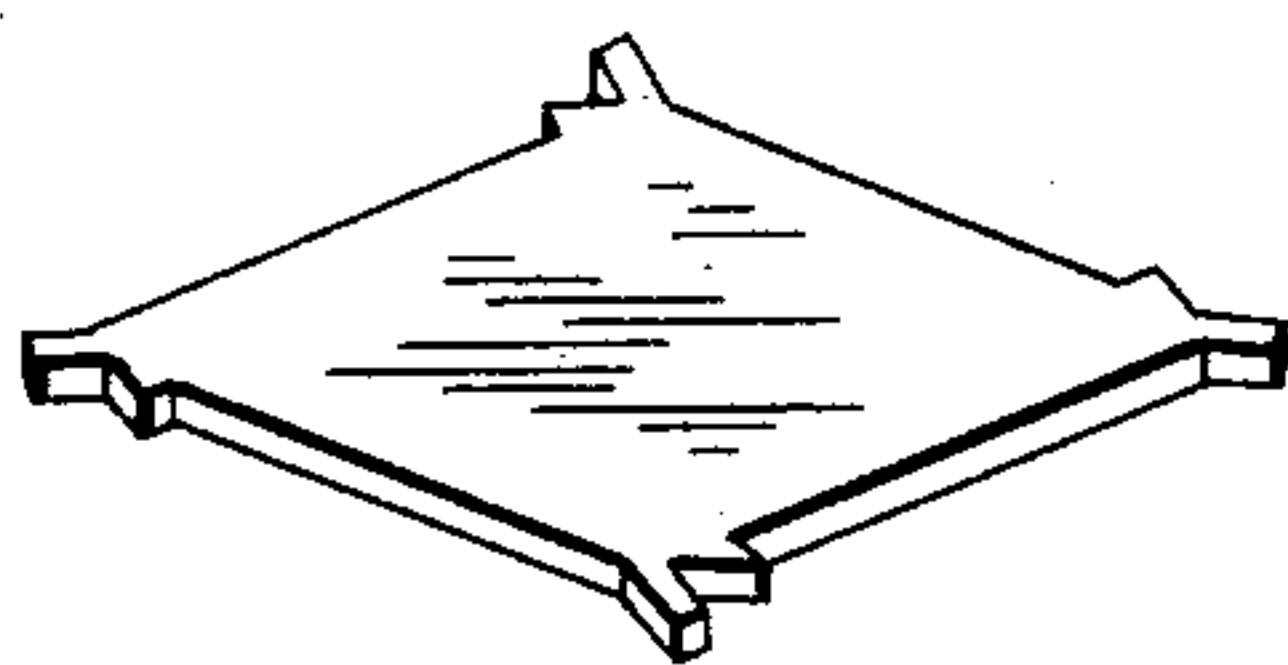


FIG. 1.

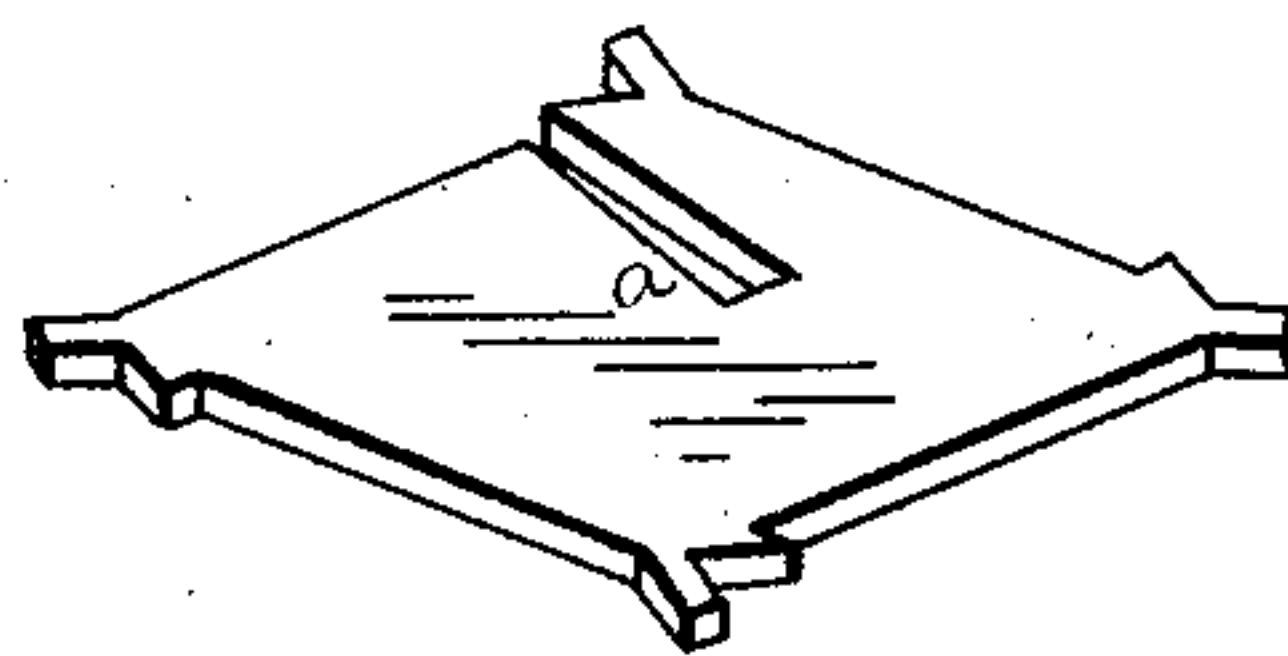


FIG. 2.

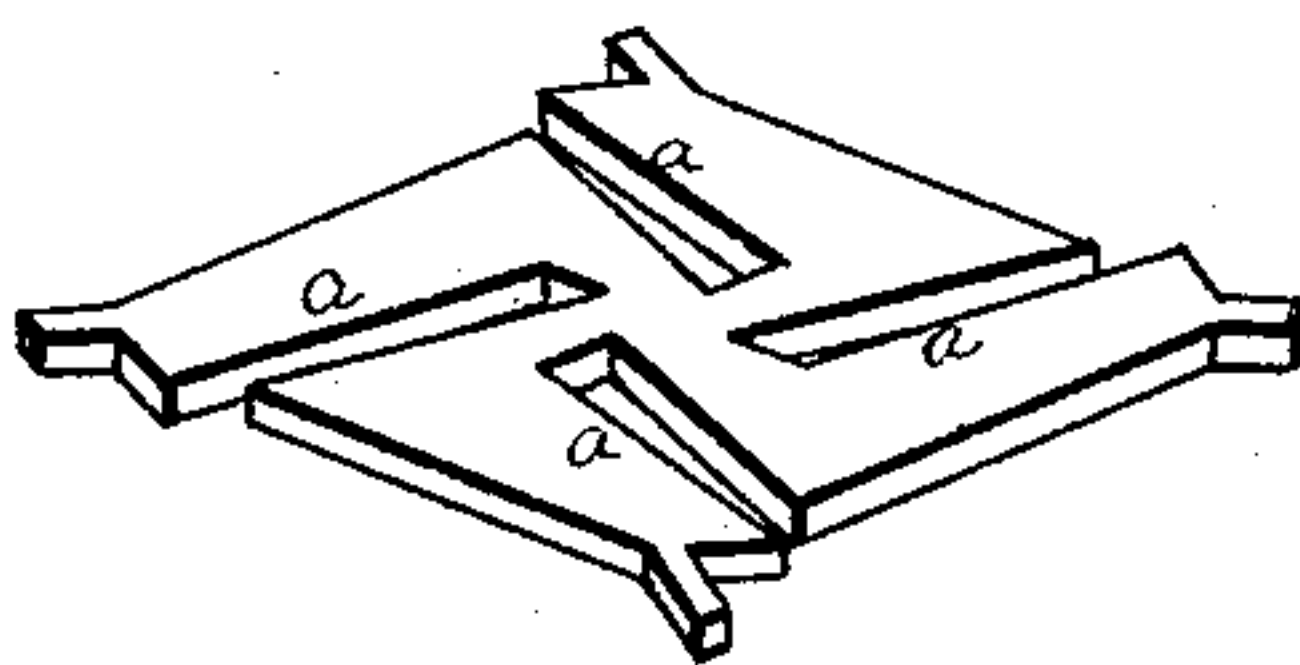


FIG. 3.

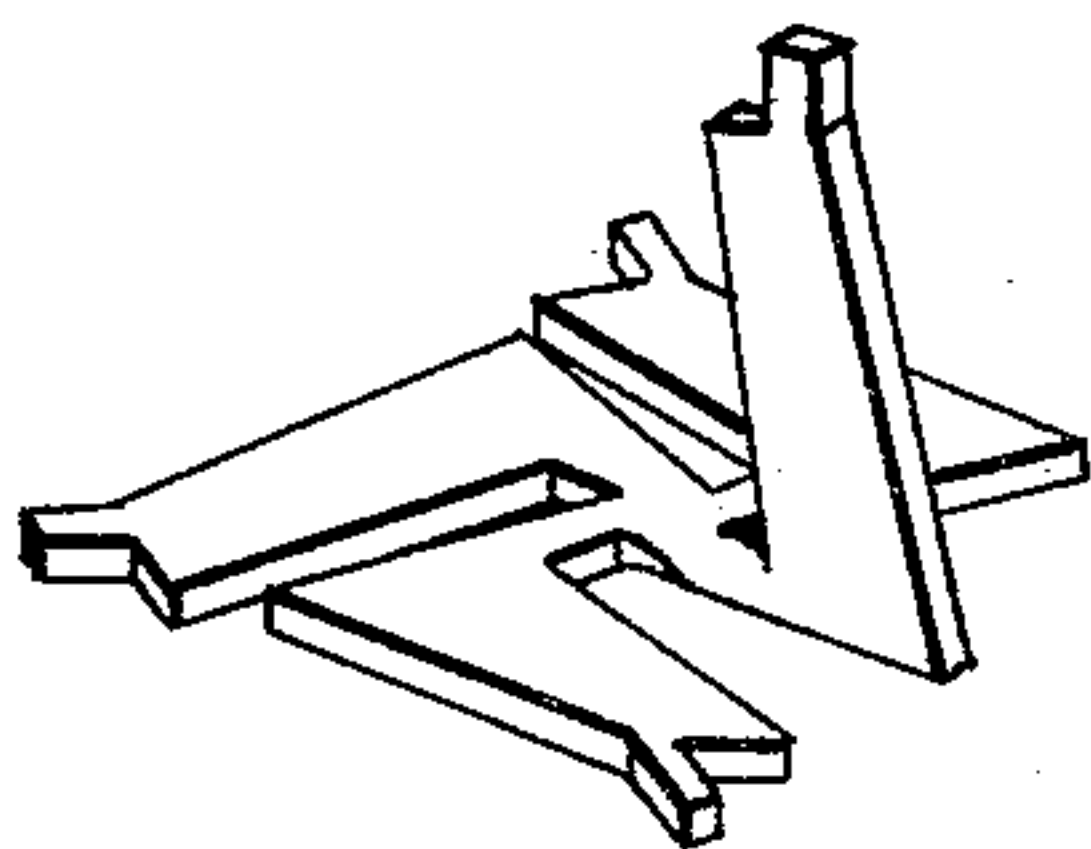


FIG. 4.

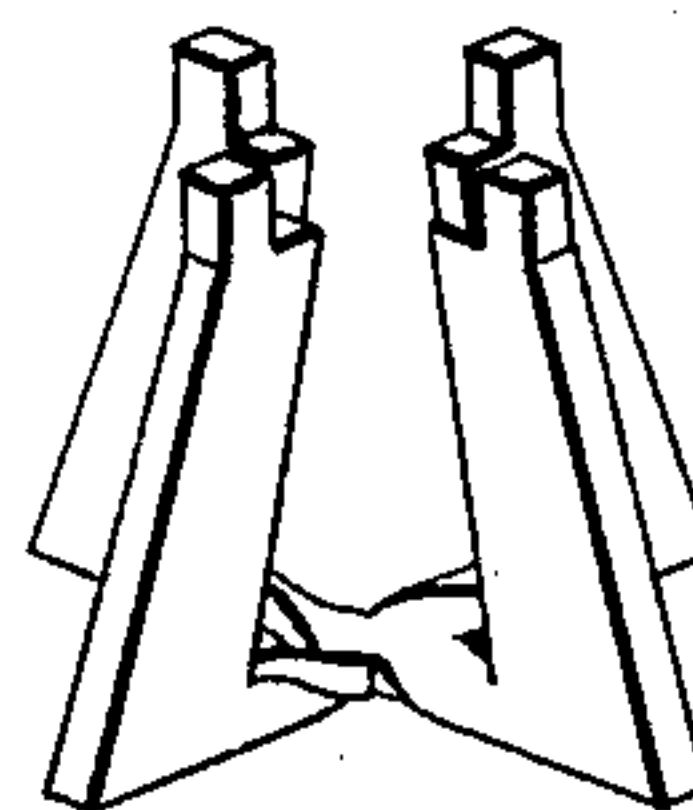


FIG. 5.

WITNESSES.

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ROBERT B. HUBBARD, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN JEWEL-STONE SETTINGS.

Specification forming part of Letters Patent No. **157,332**, dated December 1, 1874; application filed August 19, 1874.

To all whom it may concern:

Be it known that I, ROBERT B. HUBBARD, of the city and county of Providence, in the State of Rhode Island, have invented a new and Improved Device for Stone-Setting in Jewelry; and I declare the following to be a full description of my invention, first stating, so that my invention can be more fully appreciated, that in the old form of stone-setting the posts are cut out in two pieces and soldered together edgewise, or they are cut out in one piece oppositely, and merely bent up to receive the stone. Another way is to cut out the posts singly, after which they are bent up and soldered together, making the work somewhat stronger than either of the former methods. All these devices are objectionable in this, that the posts when in position clasping the stone offer very little or no resistance, and are easily pulled apart or aside and the stone lost; the last-mentioned device requiring so much skill and labor in the preparation as to make them too costly to be used for ordinary work. In my invention these objections are entirely obviated. The posts are cut out together in one piece, and, instead of being formed in the usual manner to be bent up, they are produced by means of the transverse slots *a* in the blank, of the peculiar form shown, which necessitates their being sprung or twisted into the desired position, so that the edges instead of the faces of the posts are brought opposite to each other, and, consequently, clasping the stone tighter, and securing greater strength and firmness, than any of the old processes. Another great and important advantage gained

by my invention is, that the work can be polished and finished as soon as the blanks are cut, before the posts are in position, and leaving all the edges and corners perfect and square, which cannot be done in any other device.

In the accompanying drawings, forming part of my specification, like letters indicate like parts.

Figure 1 represents the blank. Fig. 2 represents the same with the first cut for my invention. Fig. 3 represents duplication of the same, cut and ready for operation, embodying the principles of my invention. Fig. 4 shows my invention with one post in position. Fig. 5 represents my invention complete and ready for the reception of the stone.

I do not claim the cutting of the posts together in one piece. What I regard as new is the peculiar-cut plate or blank shown, which can be polished and finished as above set forth, and the springing or twisting of the posts, as above described.

I therefore claim—

The improved setting for jewel-stones herein described, formed of a single sheet-metal blank, first cut into shape, substantially as described, and the fingers or points then sprung or twisted into position to hold the stones by the edges of said fingers, substantially as and for the purpose specified.

ROBERT B. HUBBARD.

Witnesses:

JOHN W. GRAHL,

WILLIAM B. W. HALLETT.