

(No Model.)

D. F. ADAMS.

GEM SETTING.

No. 299,500.

Patented June 3, 1884.

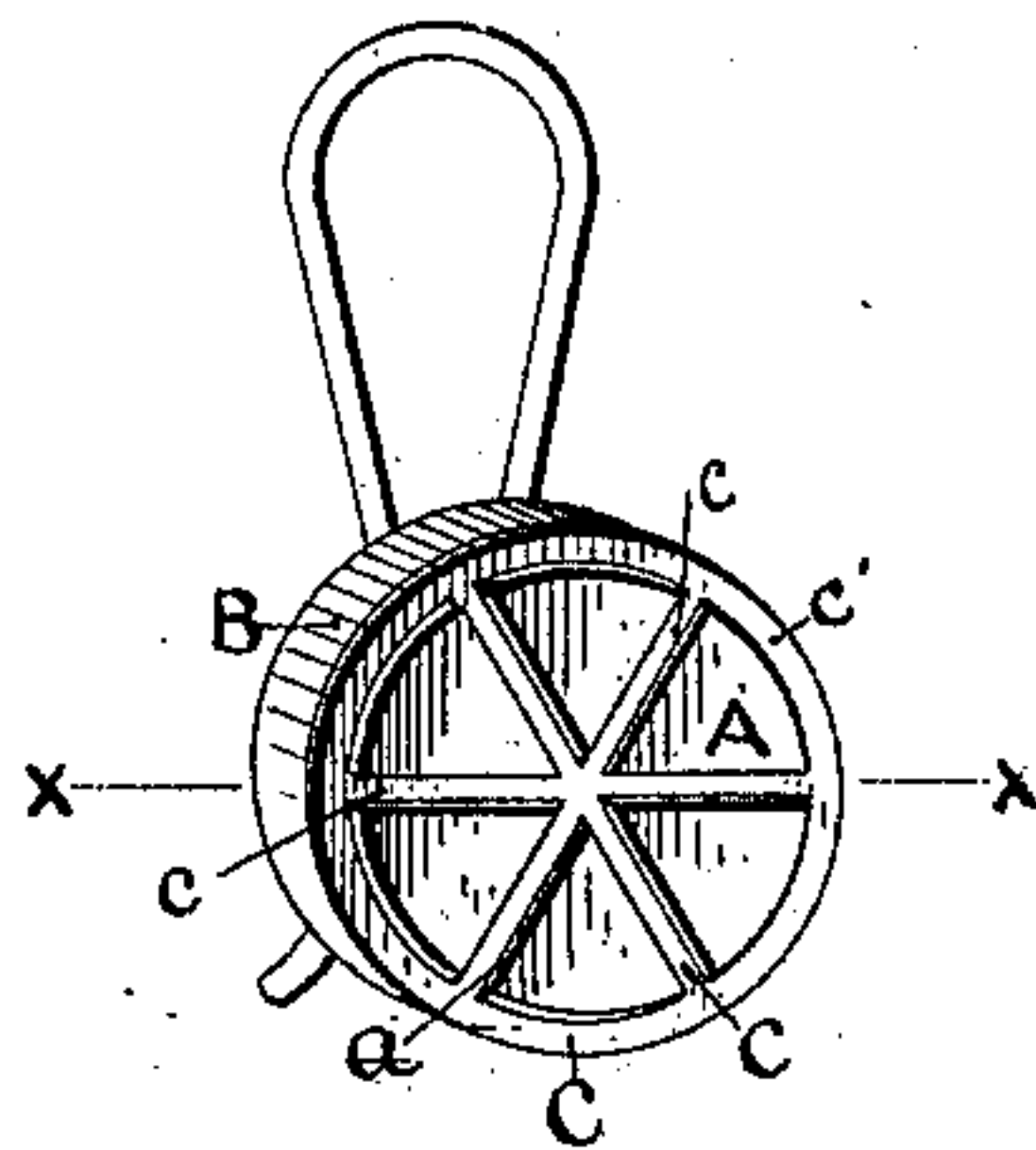


FIG. 1.

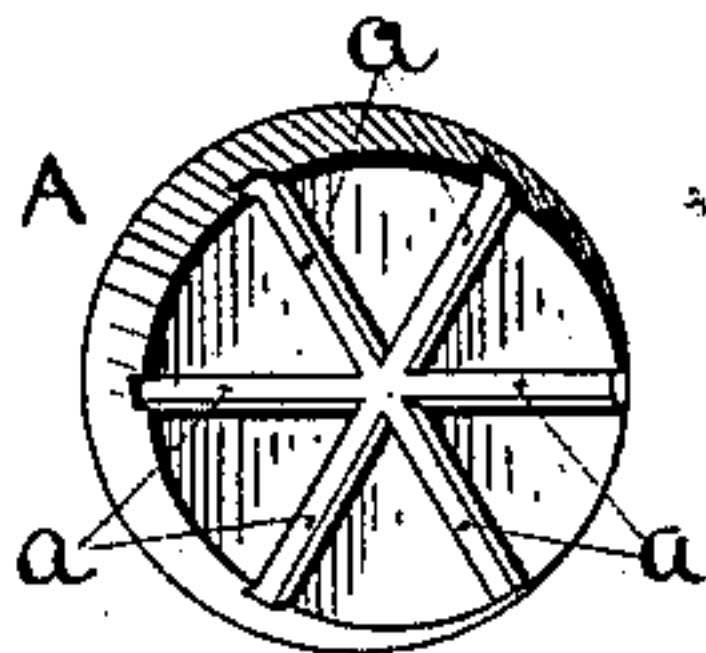


FIG. 2.

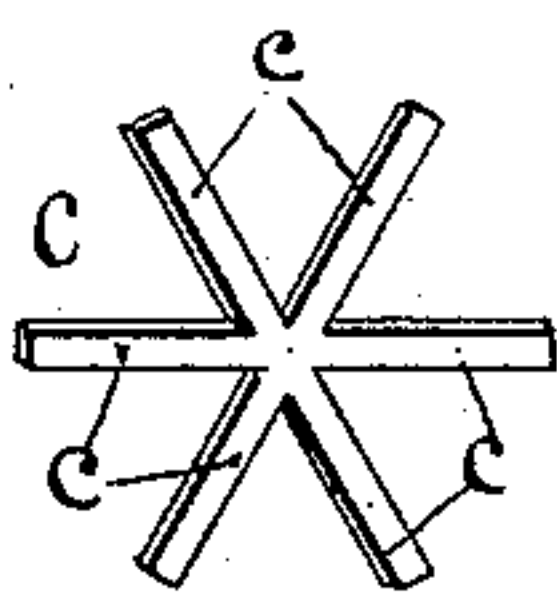


FIG. 3.

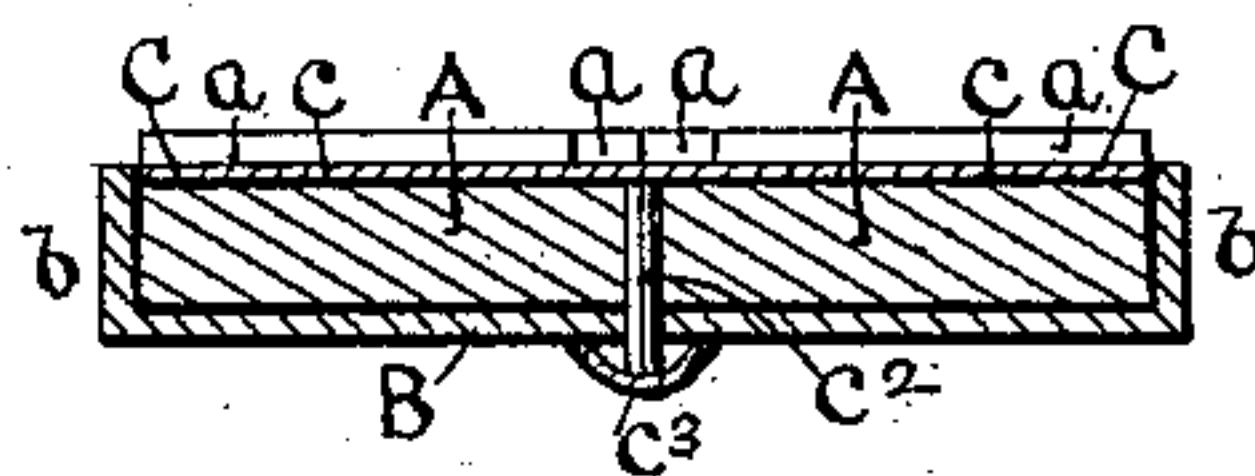


FIG. 4.

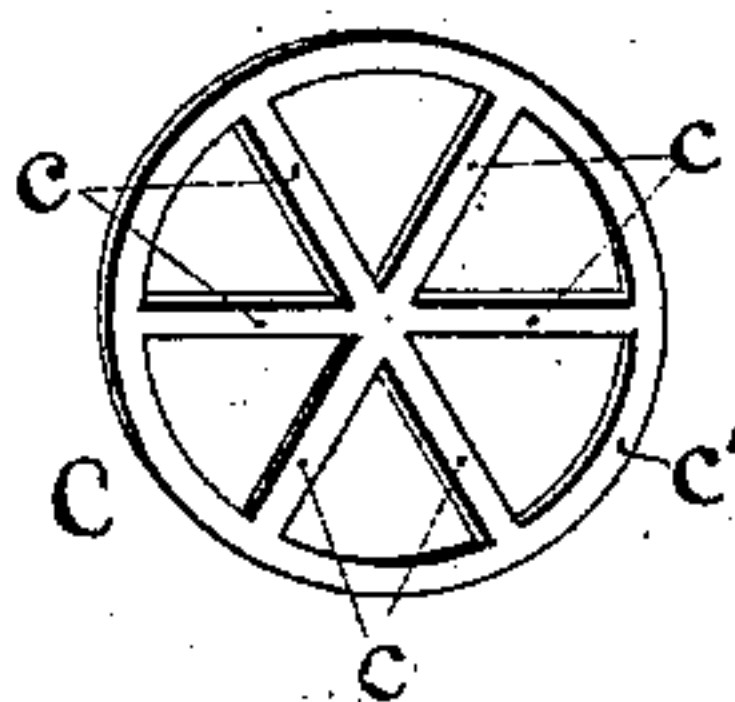


FIG. 5.

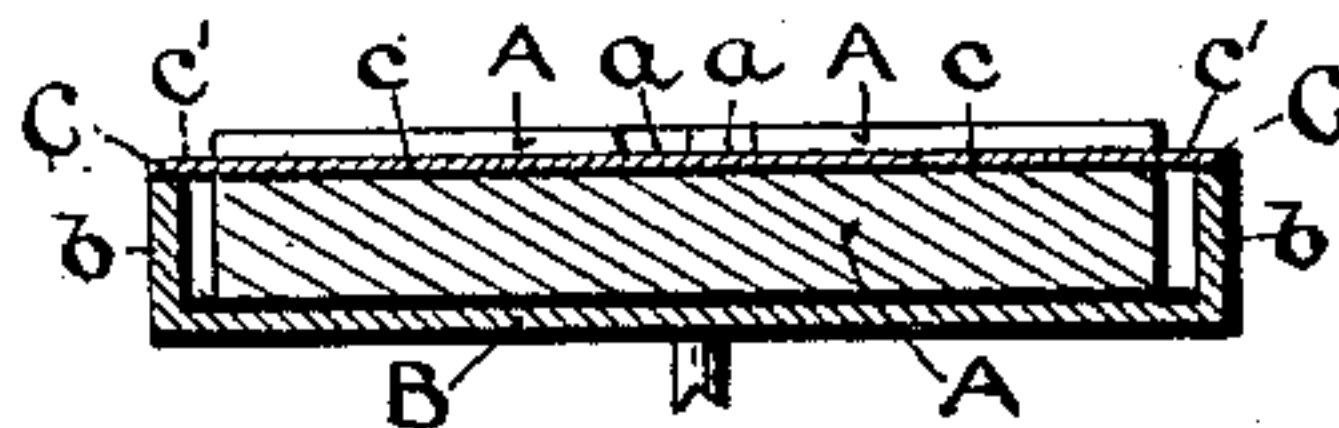


FIG. 6.

WITNESSES.

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GEM-SETTING.

SPECIFICATION forming part of Letters Patent No. 299,500, dated June 3, 1884.

Application filed February 11, 1884. (No model.)

To all whom it may concern:

Be it known that I, DEWEY F. ADAMS, of the city and county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Gem-Settings; and I do hereby declare the following specification, taken in connection with the accompanying drawings, forming a part of the same, to be a description thereof.

This invention relates to a gem-setting for articles of jewelry—such as ear-rings, buttons, &c.; and it consists in a real or imitation stone or other object having one or more channels or depressions in its face, a frame for receiving such stone or object, and a cap member having arms or cross-bars adapted to occupy the channels or depressions in the face of the stone, and secured to the frame, whereby there is produced an effect similar to that of several separate stones independently set, as will hereinafter appear.

The invention is particularly designed for setting imitation stones composed of glass, &c.; and for the purpose of illustrating it I have chosen an ear-ring, which is shown at Figure 1 of the drawings in perspective. Fig. 2 represents in perspective the stone having channels in its face. Fig. 3 shows in perspective the cap member of such ear-ring. Fig. 4 represents a section of the ear-ring through line *x x*, on an enlarged scale. Fig. 5 shows another form of cap member. Fig. 6 shows on an enlarged scale a cross-section of an ear-ring in which said cap member is employed.

A is the stone or other object to be set, the face of which is provided with channels or depressions *a*, shown in the drawings as being radial, but which may be arranged after any preferred design.

B is the frame in which the stone is set, which is shown as being of a cup shape, with a rim, *b*.

C is the cap member, which has arms or bars *c*, adapted to occupy the channels or depressions *a* in the stone, and which may have a rim, *c'*, for surrounding the stone, as shown in Figs. 1, 3, and 4, or may be without a rim, as shown in Figs. 5 and 6.

In combining the parts, the stone or object A is inserted into the frame B from the face side thereof. The cap member C is then placed upon the stone, with the arms or bars *c* occupying the channels or depressions *a* in the stone. If the cap member is provided with a rim, *c'*, as shown in Figs. 1, 3, and 4, said member is secured to the frame B by soldering the rim *c'* to the rim *b* of the frame. If the cap member be without a rim, as shown in Fig. 5, the member may be secured to the frame by soldering the ends of the arms *c* to the rim *b*; but it is preferably attached to the rim by providing the member with a wire, *c²*, which passes through the stone and the back of the frame, and is soldered to the latter, a cap, *c³*, being employed to cover the end of such wire.

The outline or contour of the setting may be varied from that shown, as may be the number and direction of the channels or depressions in the face of the stone, and of the arms *c* of the cap member C. In the instance shown in the drawings the effect produced is that of a "cluster-setting" composed of six sector-shape stones independently set.

What I claim, and desire to secure by Letters Patent, is—

1. A gem-setting consisting of a frame or cup, a stone or other object to be set, having a channeled face, as described, and inserted into said frame from the face side thereof, and a cap member which is secured to the frame, and has arms or bars adapted to occupy the channels in the face of the stone, substantially as set forth.

2. A gem-setting consisting of a frame, B, a stone or object, A, having channels *a* in its face, a cap member, C, having arms or bars *c*, adapted to occupy the said channels, and a rim, *c'*, which surrounds the stone and is secured to the frame to hold the stone in place, substantially as set forth.

DEWEY F. ADAMS.

Witnesses:

EDSON SALISBURY JONES,
GEO. W. CADY.