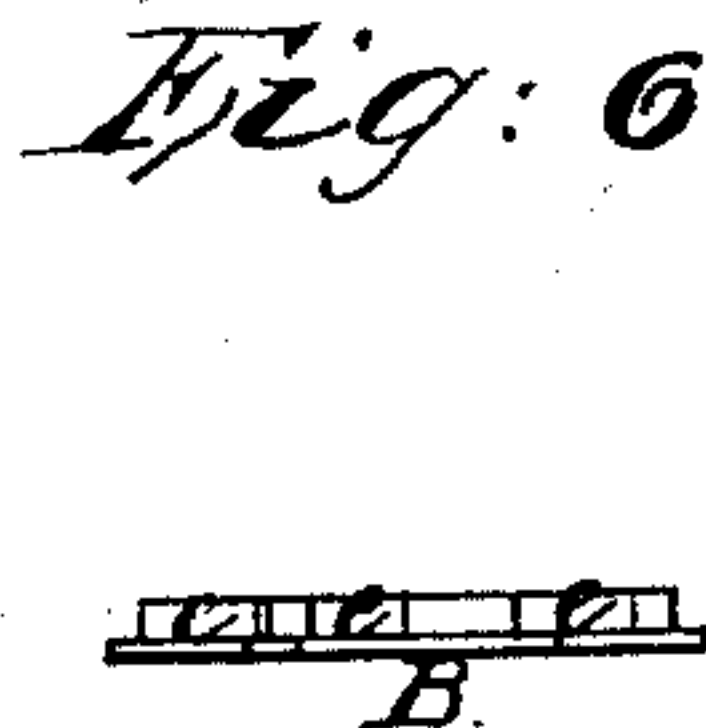
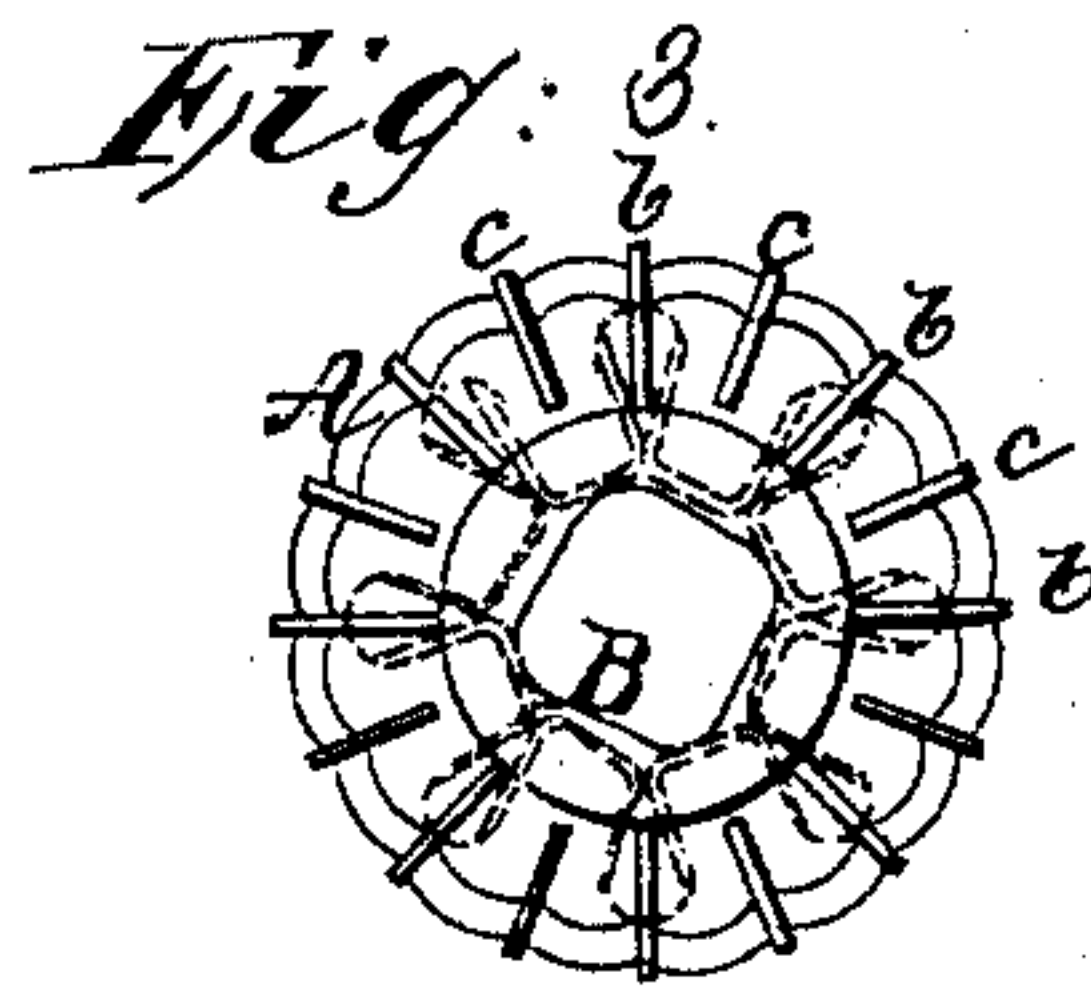
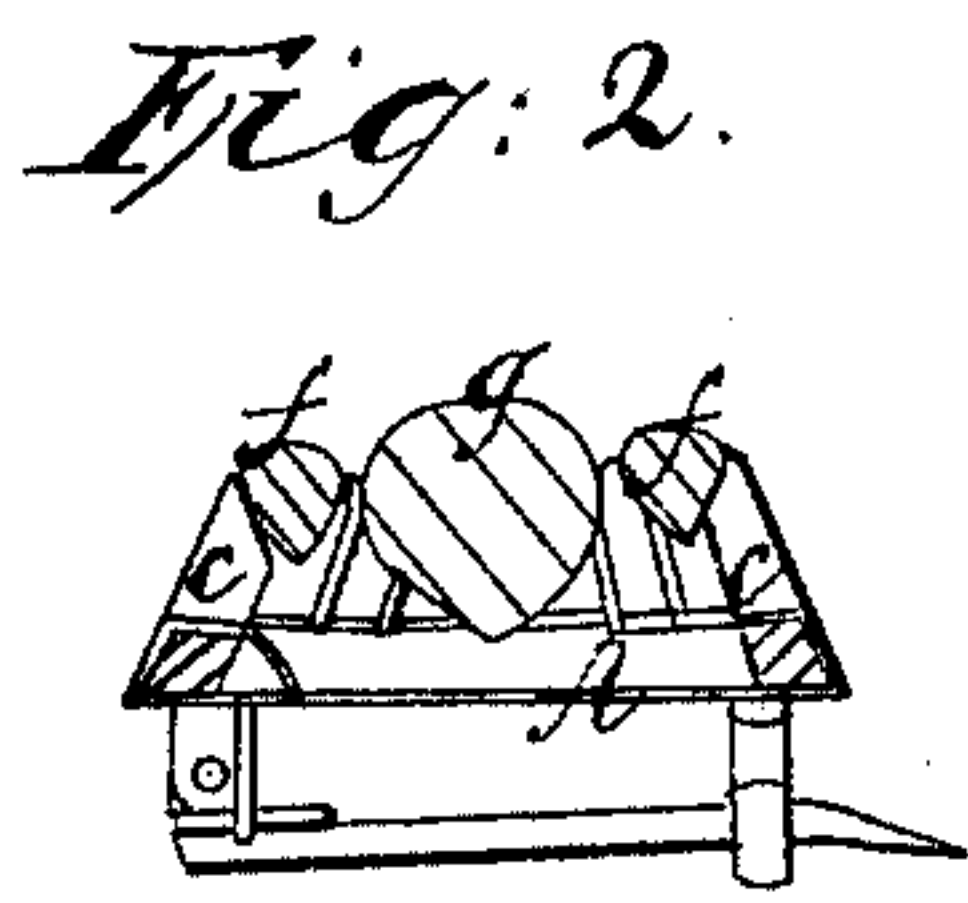
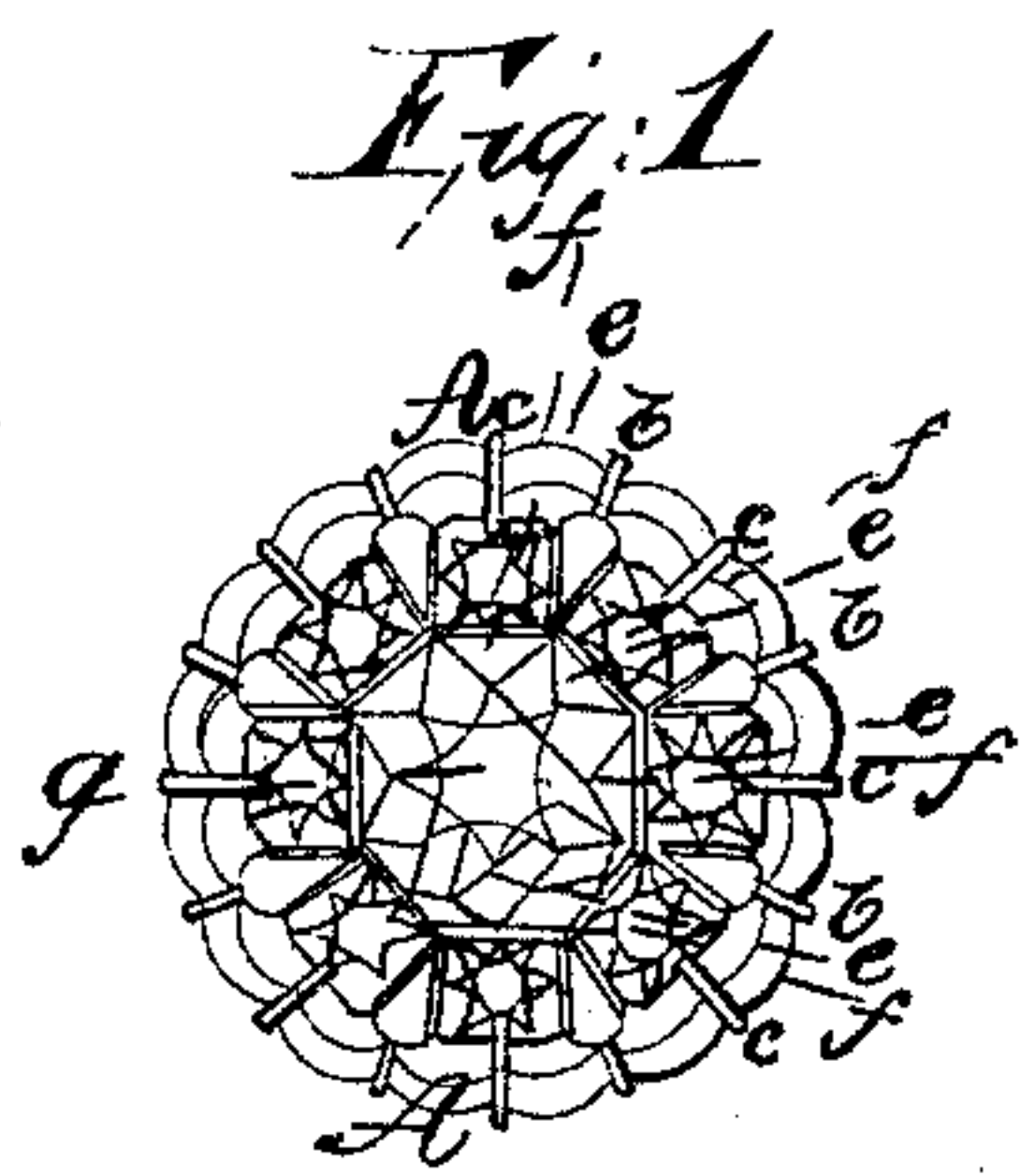


*S. J. Smith,*  
*Setting Gems,*  
*No 38,184, Patented Apr. 14, 1863.*



*Witnesses:*  
*M. J. Partridge*  
*Daniel Robertson*

*Inventor:*  
*Sam. J. Smith*

# UNITED STATES PATENT OFFICE.

SAMUEL J. SMITH, OF NEW YORK, N. Y.

## SETTING FOR JEWELRY.

Specification forming part of Letters Patent No. 38,184, dated April 14, 1863.

*To all whom it may concern:*

Be it known that I, SAMUEL J. SMITH, of the city, county, and State of New York, have invented a new and Improved Setting for Jewelry; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a face view of a breast pin constructed with my improved setting. Fig. 2 is a central section of the same. Fig. 3 is a face view of the setting, showing the front part in red and the back part in black outline. Fig. 4 is a central section of the same. Fig. 5 is a face view of the front part of the setting. Fig. 6 is a central section of the same.

Similar letters of reference indicate corresponding parts in the several figures.

This invention consists in an open setting, composed of two separate plates or frames, constructed and combined in a novel manner and having a novel arrangement of clamps for securing the stones, such setting being made with a small expenditure of labor and being very showy and light, and showing the stones to great advantage, and being suitable for brooches, pins, rings, and other articles of jewelry.

To enable others skilled in the art to make and use my invention, I will proceed to describe it with reference to the drawings.

A is a frame, of circular or other form, made either of solid gold or other metal, or of a shell of gold with a filling of baser metal.

*b b* and *c c* are thin pieces of gold or other metal secured to the frame A, radial to the center thereof, by cutting notches in the outside of the said frame with a saw and inserting and soldering the said pieces into the said notches. The pieces *b b* stand up a little above the face of the frame A and their upper parts may project a little over the opening of the

said frame. The pieces *c c*, which alternate with *b b*, stand up higher than the pieces *b b*, but their upper parts do not project so far toward the center of the frame as the upper parts of *b b*. The frame A and pieces *b b* and *c c* constitute the back part of the setting.

B is a flat open frame, made of thin plate-metal, with a number of radiating spurs, *d d*, corresponding with the number of pieces *c c*.

*e e* are narrow strips of thin sheet-metal set up edgewise upon the margin of the plate B, in the forks formed between the spurs, and soldered to the said plate. This frame B with the strips *e e* constitute the front part of the setting, and the said frame is placed upon the frame A with its spurs *d d* resting upon the pieces *b b*, and soldered thereto, to make the setting complete, ready for the reception of the stones *f f g*, the pieces *c c* of the back part of the setting being now opposite to the centers of the fork-like recesses between the spurs *d d*, where they are intended to serve as clamps to secure the stones *f f*, which are inserted into the said fork-like recesses, the points of the said clamps being turned in over the outer sides of the said stones, and the strips *e e* being turned over the portions of the said stones which are contiguous to them. The central stone, *g*, is secured by turning over its portions of the strips *e e*.

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

The setting composed of the two frames or plates A B, combined by means of the pieces *b b* and spurs *d d*, the back frame, A, being furnished with clamps *c c* and the front one, B, with projecting strips *e e*, or their equivalents, substantially as herein set forth.

SAML. J. SMITH.

Witnesses:

M. S. PARTRIDGE,  
DANIEL ROBERTSON.