

(No Model.)

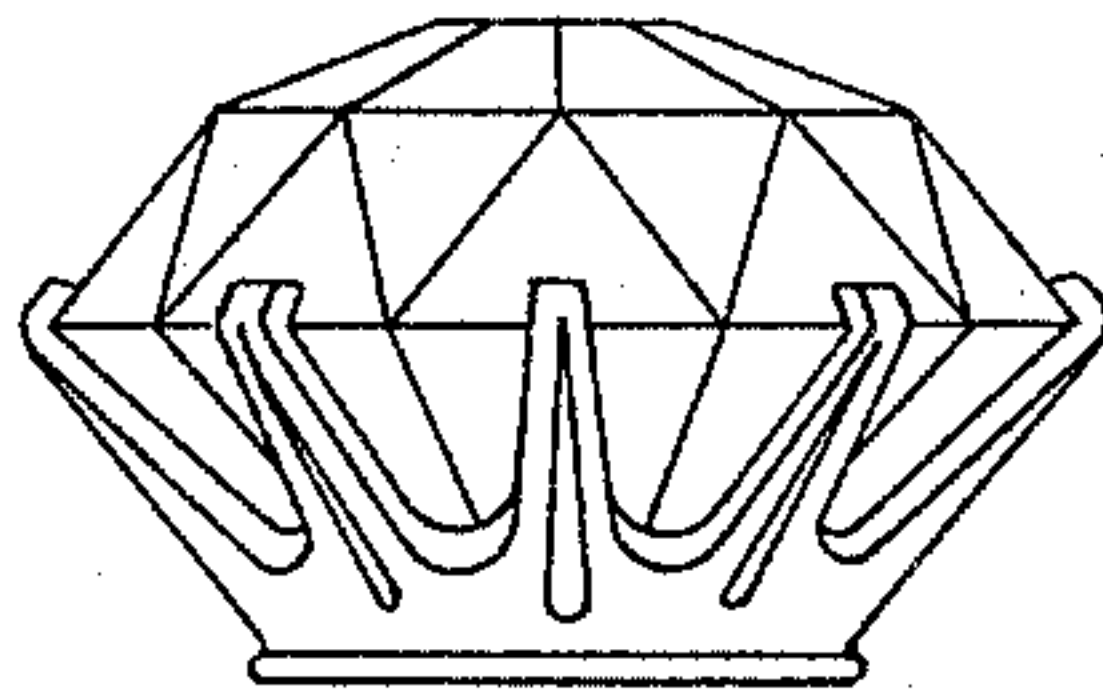
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METHOD OF MOUNTING ARTIFICIAL STONES.

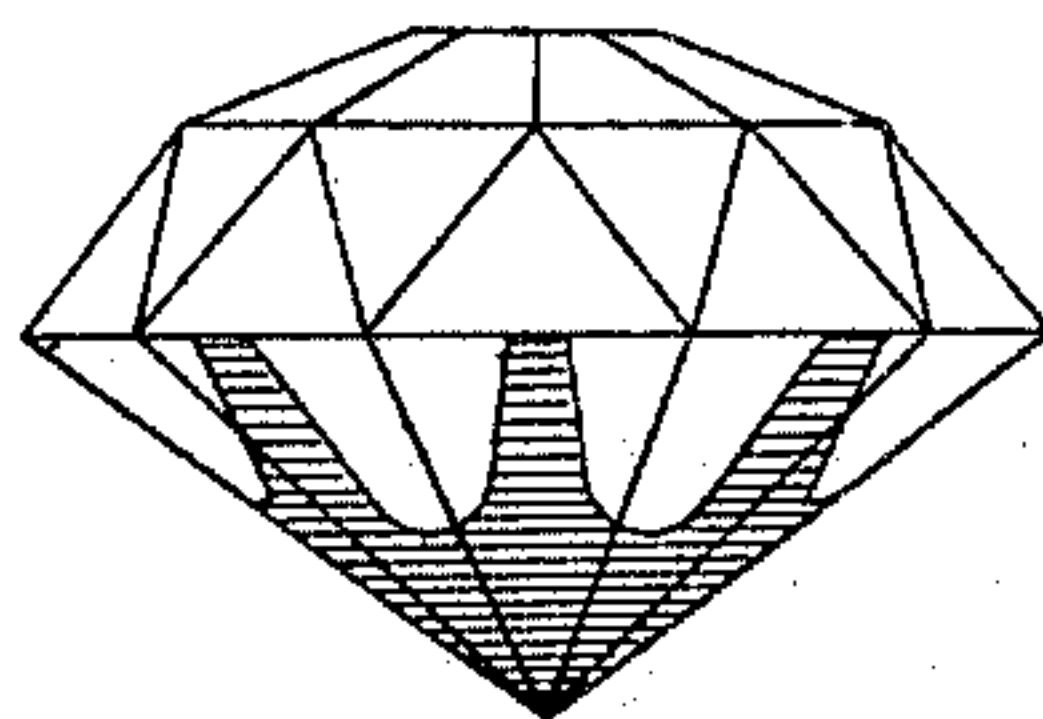
No. 290,863.

Patented Dec. 25, 1883.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*Robert L. Moorhead*  
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INVENTOR

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BY

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# UNITED STATES PATENT OFFICE.

JEAN G. C. COTTIER, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO ROBERT L. MOORHEAD.

## METHOD OF MOUNTING ARTIFICIAL STONES.

SPECIFICATION forming part of Letters Patent No. 290,863, dated December 25, 1883.

Application filed August 14, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JEAN G. C. COTTIER, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented a certain new and useful Improvement in Mounting Artificial Stones, of which the following is a specification.

The said improvement in the mode or method of mounting artificial stones in jewelry relates to the stones that are coated with foil on their backs, to reflect the light to the front that passes through them. Imitation stones of this character have usually been inclosed by the mounting or setting to prevent the foil being seen, and to protect it from being scratched, and the foil that has been exposed between the parts of an open setting has indicated more prominently than is desirable the factitious character of the stone.

The object of my invention is to mount the stones in such a way that they will have the full benefit of the reflection from the tin-foil on those parts of the lower surface of the stone that are fully protected by the setting, and that on the exposed parts of the stone between the prongs of the setting there will be no foil or other coating presented to the eye to betray the character of the stone.

To carry my invention into effect, the method of mounting consists in the use of an imitation stone, the lower surface of which is coated with tin-foil or other covering that has been applied as a reflecting-surface to return the light to the front of the stone, and, after it has been mounted or set in the usual way, to remove with a sharp instrument the foil or other covering that is visible between the prongs. The coating may also be removed, if desirable, in the open setting at the base of a mounting for an ear-ring; but it answers most ordinary purposes if it is removed merely between the prongs, so that it will not be visible at the front or side.

As stone settings vary in size and pattern, it is not practical, although it is possible, to prepare the stones to effect this purpose before they are mounted; and my improved method of mounting them therefore consists in the process of first mounting an ordinary foiled or otherwise coated stone, and then removing the coating from the parts that are readily visible.

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

Figure 1 is a side elevation of a stone mounted according to my invention in an ordinary jewelry-setting. Fig. 2 is also a similar representation of the same stone when removed from the setting, and with the foil-coating remaining on its lower surface indicated by being shaded with lines.

Before the stone was mounted its entire lower surface was coated, and after it was mounted the coating was removed by means of a sharp instrument from the surface of the stone that appeared between the prongs of the setting. By this method of mounting, the stone has the benefit of the light that is reflected from the bright surface of the foil that is concealed by the setting, and there is no foil or other coating apparent to impair the appearance of the stone and convey the suggestion that it is artificial.

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

The method of mounting foiled or other coated stones, substantially as described, by first setting the stone and then removing the coating from the parts that appear between the prongs of the setting.

JEAN G. C. COTTIER.

Witnesses:

ROBERT L. MOORHEAD,  
WM. KEMBLE HALL.