

No. 843,006.

PATENTED FEB. 5, 1907.

G. W. DOVER.
STONE GALLERY.
APPLICATION FILED MAY 3, 1906.

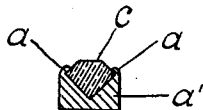
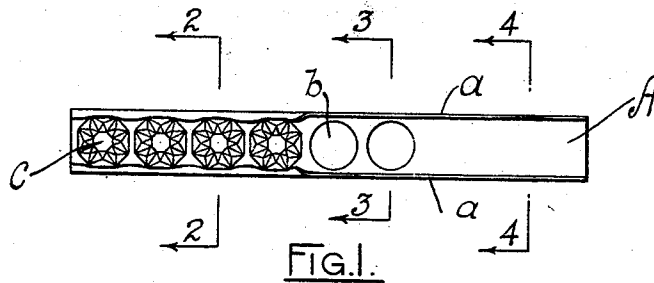


FIG. 2.

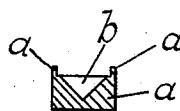


FIG. 3.



FIG. 4.

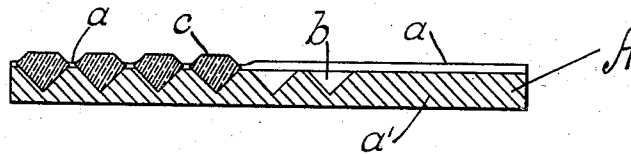


FIG. 5.

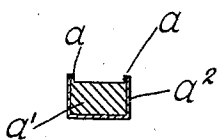


FIG. 7.

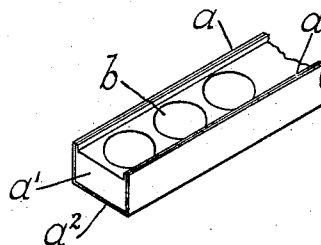


FIG. 6.

WITNESSES.

A. G. Pieczentkowski.

Harold C. Ball

BY

INVENTOR.

George W. Dover

Horatio E. Bellows

ATTORNEY.

UNITED STATES PATENT OFFICE.

GEORGE W. DOVER, OF CRANSTON, RHODE ISLAND, ASSIGNOR TO GEORGE W. DOVER COMPANY, A CORPORATION OF RHODE ISLAND.

STONE GALLERY.

No. 843,006.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed May 3, 1906. Serial No. 315,009.

To all whom it may concern.

Be it known that I, GEORGE W. DOVER, a citizen of the United States, residing at Cranston, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Stone Galleries, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to stone galleries, and has for its objects besides the ends commonly sought in this class of structures a means for mounting a series of gems rectilinearly disposed in relation to each other in a simple, inexpensive, and stable manner.

It is also purposed to afford a form of gallery which shall be capable of construction in a single piece from the marketed product known as "seamless plated wire" and which shall present when made of plated stock a minimum of base metal.

To the above ends my invention consists in the novel structure hereinafter described, and illustrated in the accompanying drawings, wherein—

Figure 1 is a top plan view of a gallery-strip, showing a plurality of stones or gems mounted therein; Figs. 2, 3, and 4, transverse sections of the same on lines 2, 3, and 4, respectively, of Fig. 1; Fig. 5, central longitudinal section of the same; Fig. 6, a perspective view of a plated gallery, and Fig. 7 a transverse section of the same.

Like reference-letters indicate like parts throughout the views.

In carrying out my invention I employ a long bar or thick strip of metal A, rectangular in cross-section, which is composed wholly of base metal, such as brass, composition, or even silver. The block is so channeled longitudinally by milling or otherwise as to produce two upright lateral flanges *a a*, integral with the gallery-body *a'*. When seamless wire is used, the precious-metal plating *a''* will, as is shown in Figs. 6 and 7, cover the exterior of the flanges and all the body except the upper surface thereof. It will be noted, therefore, that the described structure lends itself readily to the utilization of seamless plated wire, which can be secured as an article of commerce and need only be longitudinally milled, thereby avoiding the process of plating on the part of the setting-maker.

Conical seats or recesses *b* occur at intervals in the upper portion of the gallery-body.

In order to mount stones *c* in the new gallery, they are seated in the recesses *b*, and the flanges *a* are inwardly bent down upon the margins thereof by any suitable tool.

What I claim is—

1. In a stone gallery, the combination with a bar in a single piece having marginal flanges to overlap the edges of stones, said bar being provided in its upper surface with a series of conical seats below said flanges, of stones in said seats with their edges overlapped by said marginal flanges.

2. A stone gallery composed of a straight rectangular bar in a single piece having lateral integral flanges, and conical seats in the upper face of the bar between its flanges.

3. In a stone gallery, the combination with a straight rectangular bar in a single piece provided with flanges at its side edges and with seats upon its upper face, of stones mounted in said seats and held by the bent-over flanges of the bar.

4. In a stone gallery the combination with a straight rectangular bar in a single piece provided with a series of conical seats in its upper portion, of stones mounted in the seats, and marginal flanges upon the bar adapted to overlap the edges of the stones.

5. A stone gallery comprising a straight rectangular bar in a single piece, integral flanges upon the margins of the upper face of the bar, precious-metal plating upon the exterior of the flanges and the body, and recesses for the stones in the upper portion of the bar below and intermediate the flanges.

6. In a stone gallery the combination with a straight rectangular bar in a single piece provided with a series of recesses in its upper face below and between the hereinafter named flanges, of stones mounted in the recesses, integral flanges upon the margins of the upper face of the bar adapted to positively engage the stones, and precious-metal plating upon the exterior of the flanges and body.

7. As an improved article of manufacture, a stone gallery composed of a flanged rectangular bar of seamless plated wire longitudinally milled, and recesses for the reception of stones upon the upper face of the bar between the flanges thereof.

8. As an improved article of manufacture, a stone gallery composed of a flanged recti-

linear bar of seamless plated wire longitudinally milled, and recesses for the reception of stones upon the upper face of the bar between the flanges thereof, the metal plating
5 of said seamless wire covering the exterior of the flanges and all of the body except the upper surface thereof.

In testimony whereof I have affixed my signature in presence of two witnesses.

GEORGE W. DOVER.

Witnesses:

M. V. BLESSING,
ARTHUR C. STONE.