

J. W. TIEMANN, W. SIMPSON, Jr. & J. COLLINS.  
ORNAMENTING BRONZE.

No. 9,709.

Patented Jan. 16, 1877.

Fig. 1.

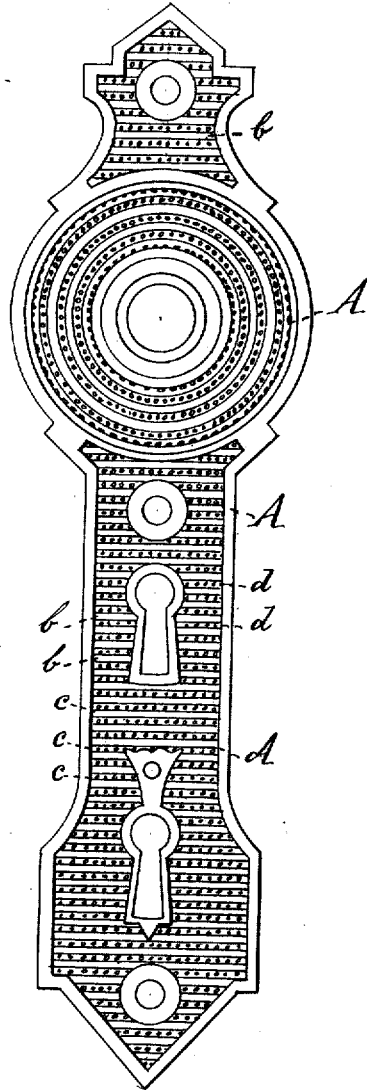
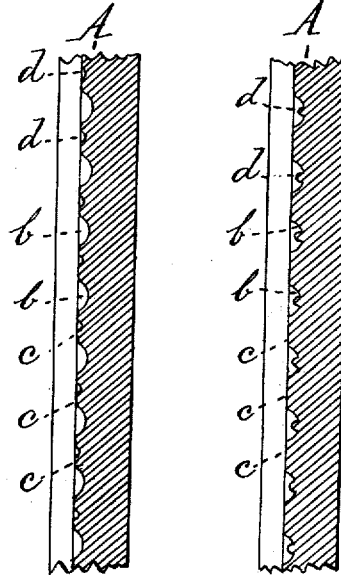


Fig. 2.

Fig. 3.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## DESIGN FOR ORNAMENTING BRONZE.

Specification forming part of Design No. **9,709**, dated January 16, 1877; application filed June 23, 1876.  
[Term of Patent 7 years.]

*To all whom it may concern:*

Be it known that we, JOHN W. TIEMANN, WILLIAM SIMPSON, Jr., and JOHN COLLINS, all of Darlington, Hohokus township, in the State of New Jersey, have jointly invented a new and Improved Design for Ornamenting Bronze or other hardware, and that the following is a full, clear, and exact description thereof, enabling others skilled in the art to practice our invention, when taken in connection with the accompanying drawings.

Figure 1 shows the front of an escutcheon, with our improved design upon it. Fig. 2 shows a section of a part of the said escutcheon.

In these two figures the dots, depressions, or protuberances are shown upon the face of the elevations.

Fig. 3 shows a section of an escutcheon, in which the dots, depressions, or elevations are shown in the groove or depressions.

Like letters indicate like parts in all the figures.

Our invention relates to the ornamentation of bronze or other hardware; and consists in casting, stamping, or cutting, in the groundwork or other part of the article sought to be ornamented, parallel depressed lines, which lines may be straight, curved, or circular, leaving between them an elevation. On the face of the elevations then left, or in the bottom of the grooves or depressions, we produce, by casting or by other appropriate means, rows of holes, depressions, or elevations, which are substantially alike in form, evenly spaced, and distinctly and clearly formed in a single or double row.

We are aware that such goods have been heretofore made ornamented by elevated and

depressed lines, they being both irregularly roughened, but not provided with a distinct and defined row or rows of holes or elevations on any part of their exposed surface. Such form of ornamentation is very easily distinguishable from that which we have invented, and does not give to the article the finished and neat appearance which is the object of our invention.

Referring to the drawings, Figs. 1, 2, and 3, A is the groundwork or mat of an escutcheon. *b b b b* show the depressed lines running in these figures across the article. *c c c c* show the elevations left between the depressions *b*, and *d d d d* show the holes, indentations, or elevations, a single row in these figures (shown in Figs. 1 and 2,) upon the face of the elevations, and in Fig. 3 in the bottom of the depressions. The depressions *b*, as we have heretofore stated, need not always be straight lines, but may be curves or complete circles, concentric and equidistant, having always between them the elevations *c*.

What we claim as new, and desire to secure by Letters Patent, is—

1. A design for ornamenting hardware, consisting of parallel elevations and depressions, having one or more rows of dots on the elevations or in the depressions, as described.

2. A design for ornamenting hardware, consisting of parallel elevations and depressions, having on the elevations one or more rows of dots.

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