

G. A. HARMOUNT.

CLOCK-DIAL.

No. 184,864.

Patented Nov. 28, 1876.

Fig. 1.

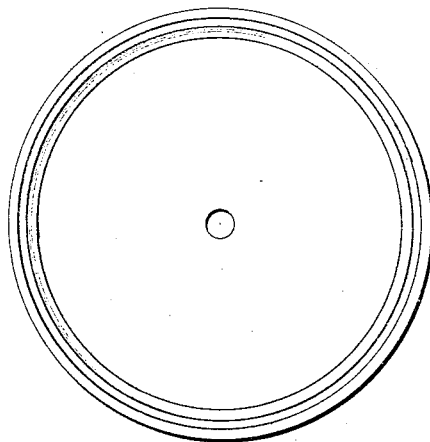


Fig. 2.

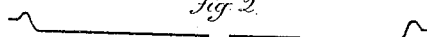
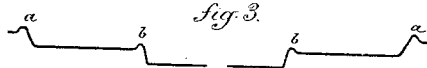


Fig. 3.



Witnessed
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UNITED STATES PATENT OFFICE.

GEORGE A. HARMOUNT, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO THE
NEW HAVEN CLOCK COMPANY, OF SAME PLACE.

IMPROVEMENT IN CLOCK-DIALS.

Specification forming part of Letters Patent No. 184,864, dated November 28, 1876; application filed
January 4, 1876.

To all whom it may concern:

Be it known that I, GEORGE A. HARMOUNT, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Clock-Dials; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in—

Figure 1, front view of a plain dial; Fig. 2, front view of a recessed dial; Fig. 3, transverse section.

This invention relates to an improvement in the manufacture of clock-dials, such as have a burnished or bright molded rim or parts as a contrast to the plain surface of the dial. It has been the usual practice to make the rim and dial proper of separate parts; and in many cases to make the face of the dial of a plate of paper, or similar material, separate from the back, and all united by the border or rim.

The object of this invention is to simplify the process, and produce a cheaper and better dial; and it consists in a blank struck from a disk of metal into the form required for the rim or molded portions and intermediate plain surface for the dial proper, and coating the whole with a paint or enamel, and then removing the paint or enamel from the molded or other parts desired to be bright, and burnishing such molded and bright surfaces, thus

producing the dial and moldings complete in a single piece.

A disk of metal the required size for the complete article is placed in suitable dies, which will raise the molded edge *a*, leaving the intermediate space plain, or may be recessed, with the bead *b* or other ornamentation on the face of the dial. This blank is then coated over its entire surface with paint or enamel, of white or other desirable color, and when this coating has become hard the blank is placed in the lathe, and the coating turned off from the molded or other to be exposed portions, as *a b*, and those portions burnished, which gives to the article the desired finish. The figures may be printed upon the coated surface either before or after the burnishing.

By this process I am enabled to produce equally as good an article, if not better, and at less expense, than the usual construction in several parts.

I claim—

As an article of manufacture, the herein-described dial, having the body and moldings struck from the same piece, and coated, as specified, the coating removed from the molded or bright portions, all substantially as set forth.

GEO. A. HARMOUNT.

Witnesses:

J. H. SHUMWAY,
CLARA BROUGHTON.