J. H. WELCH.
Clock-Case.

No. 208,216. Patented Sept. 17, 1878.

Fig. 1.

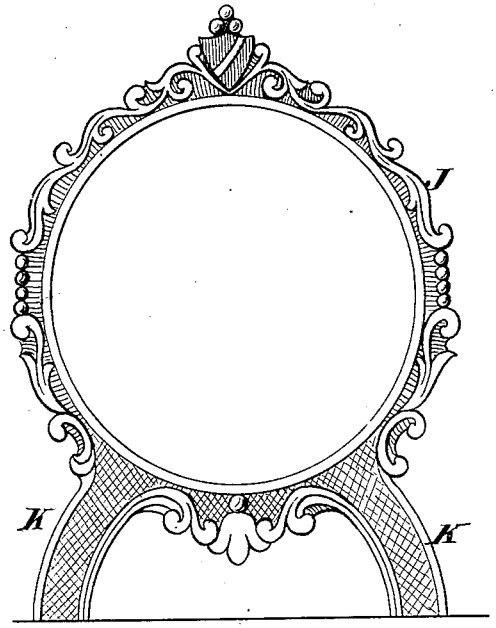


Fig. 4.

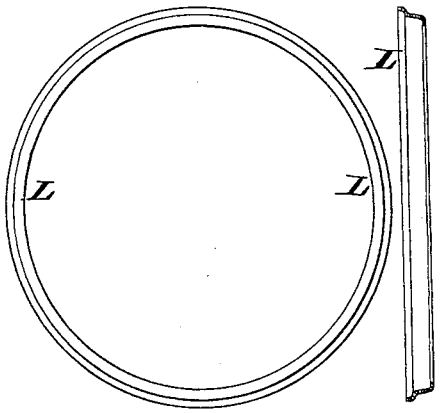


Fig. 5.

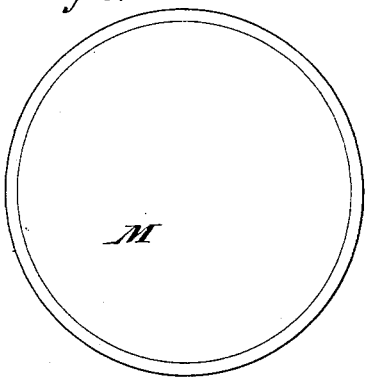


Fig. 2.

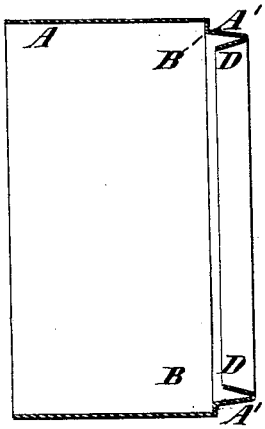
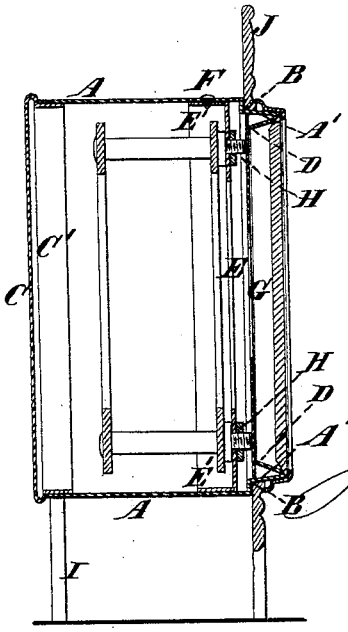


Fig. 3.



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J. HART WELCH, OF HARTFORD, CONNECTICUT.

IMPROVEMENT IN CLOCK-CASES.

Specification forming part of Letters Patent No. **208,216**, dated September 17, 1878; application filed August 22, 1878.

To all whom it may concern:

Be it known that I, J. HART WELCH, of Hartford, in the county of Hartford and State of Connecticut, have invented an Improvement in Clock-Cases; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification.

My invention has for its object such a construction of clock-cases that a very great variety of fronts, or of designs for the front frames of such cases may be adapted to the box surrounding the movement at a far less cost than has hitherto been accomplished.

The invention consists in the combination, with a box for surrounding the movement of a clock, having at the front a projecting portion of less diameter than the rest of the box, and a shoulder at the junction of said portion of less diameter with the portion of greater diameter, of a frame fitted to the said portion of less diameter, and constructed to abut against the said shoulder, as hereinafter described.

Figure 1 in the drawing is a front view of the frame of a clock-case constructed in accordance with my improvement. Fig. 2 is a vertical section of the box for surrounding the clock-movement. Fig. 3 is a vertical central section of an entire clock, having a case constructed in accordance with my improvement. Fig. 4 is a front and a side view of the ring which, in conjunction with the front part of the box and the reverted rim of the box, forms the bezel for supporting the dial-protecting glass. Fig. 5 is a front view of the said dial-protecting glass.

A A′, Figs. 2 and 3, represent the box for surrounding the clock. Said box is formed of a single piece of spun brass, with a portion, A′, of smaller diameter than the main part of the box, said part of smaller diameter being preferably slightly tapered toward the front, and the junction between said smaller part and the larger part of the box forming a shoulder, B. The box is closed at the back by a detachable cover, C, Fig. 3, which has a rim, C′, fitted into the larger part of the said box at the rear, as shown in Fig. 3.

The tapered part, of smaller diameter, has a reverted rim, D, Figs. 2 and 3, the back edge of which forms the support of the dial in front.

The movement is attached to a plate, E, Fig. 3, which plate is attached to the box by a rim, E′, and screws F, or in any other suitable manner. A back support or supports, H, projecting from the movement or attached to said movement or to said plate, presses or holds the dial forward toward the reverted rim D, the said support or supports and the said rim forming the dial-sash.

The box A has, moreover, attached to the lower and rear portion of the same a support, I, which, in conjunction with the frame at the front, hereinafter described, supports the said box, as shown in Fig. 3.

The front frame is shown at J in Figs. 1 and 3. It consists of a single piece of metal; or it may be formed of more than one piece. However it may be made, it has a support or supports, K, at its lower part, and a central opening fitted to the part A′ of the box A A′. The said opening fits the said part A′ snugly, and the frame abuts against the shoulder B when the parts of the case are put together.

The frame is held to its place on the part A′ of the box partly by the friction secured by close and accurate fitting, and partly by the ring L, Fig. 4, which is slipped on the part A′ after the frame is placed thereon, and which is fitted snugly to said part of the box.

M represents the dial-protecting glass, which is held in its place by the ring L, the front portion of the part A′ of the box, and the front portion of the reverted rim D, the said devices together forming a bezel.

I claim—

The combination, with a box for surrounding the clock-movement, which box has at the front a projecting part, A′, and a shoulder at the junction of the said part with the part of greater diameter, of a frame fitted to the part of less diameter, and abutting against the said shoulder, substantially as and for the purpose described.

J. HART WELCH.

Witnesses:

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