

W. N. WEEDEN.

Clock-Cases.

No. 167,963.

Patented Sept. 21, 1875.

fig 1

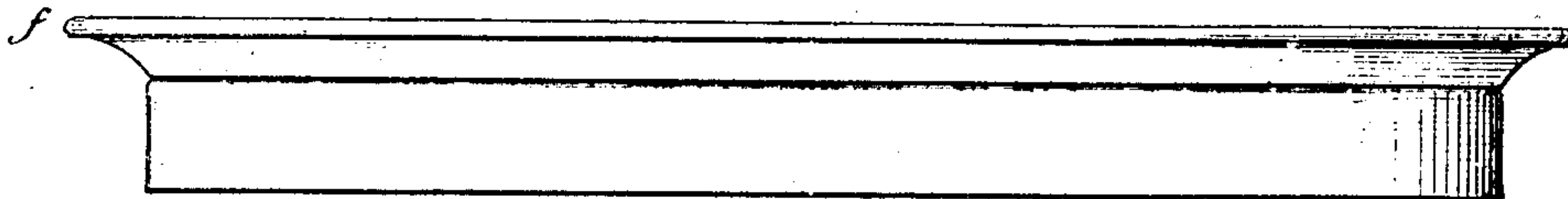


fig 2

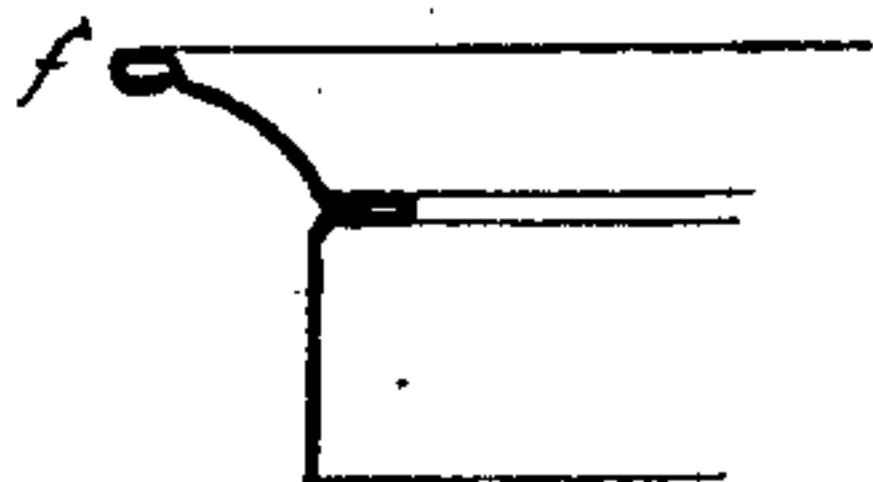


fig 3

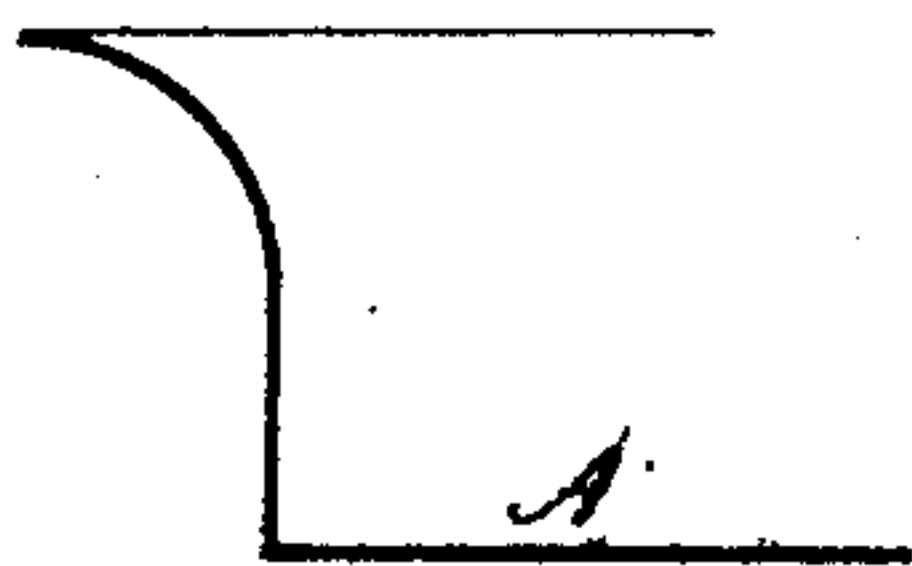


fig 4

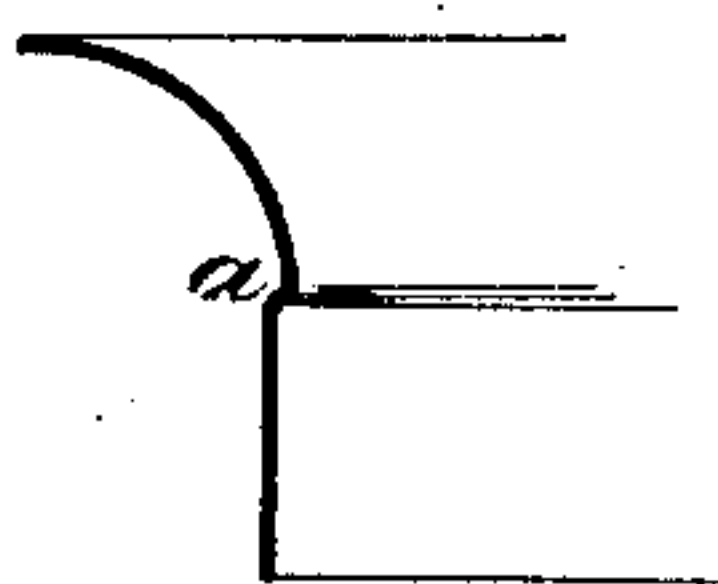
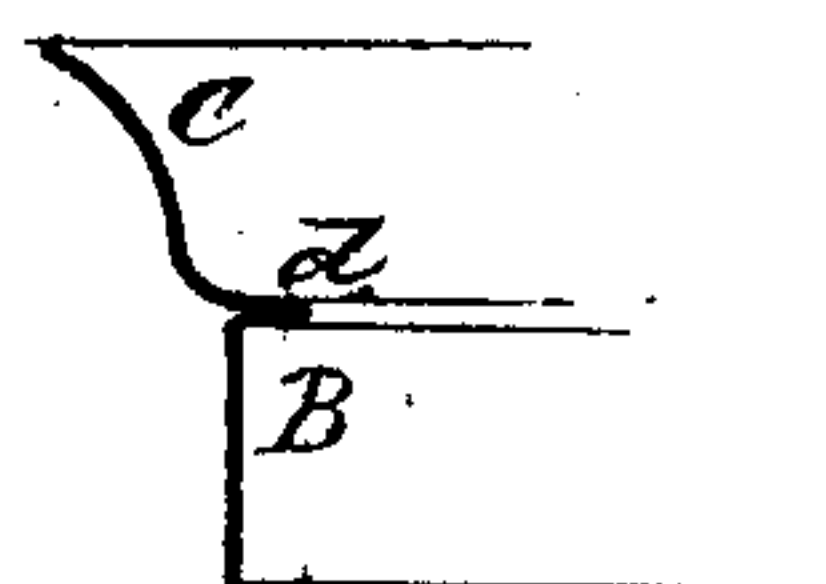


fig 5



Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM N. WEEDEN, OF WATERBURY, CONN., ASSIGNOR TO BENEDICT & BURNHAM MANUFACTURING COMPANY, OF SAME PLACE.

IMPROVEMENT IN CLOCK-CASES.

Specification forming part of Letters Patent No. **167,963**, dated September 21, 1875 ; application filed July 29, 1874.

To all whom it may concern :

Be it known that I, WILLIAM N. WEEDEN, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new Improvement in Clock-Sash; 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, a side view; Fig. 2, a transverse section; and in Figs. 3, 4, and 5, transverse sections.

This invention relates to an improvement in the manufacture of the sash or frames which incloses the glass or dial cover of clock-cases; and it consists in a sash formed of a single piece of metal, the shoulder or rabbet for the glass made by doubling the metal inward, as more fully hereinafter described.

A disk of sheet metal is first struck or spun, then the edge turned up at right angles from

the disk, and curved outward, as seen in Fig. 3. This done, the center A is cut out. The blank or ring is then subjected to a second operation of spinning or striking to form a partial shoulder, as at *a*, Fig. 4. The blank is then subjected to another similar process, by which the metal on the shoulder *a* is doubled, so as to form an internal flange, *d*, leaving the rabbet B upon the inside to receive the glass, the outer portion C brought into a desirable mold shape. The extreme edge is then turned under to form a bead, *f*, as seen in Fig. 2. Thus is produced the sash complete in one and the same piece.

I claim—

The herein-described sash for clock-fronts, formed from a single piece of metal, the shoulder *d* produced by doubling the metal inward, substantially as set forth.

WILLIAM N. WEEDEN.

Witnesses:

JOHN E. EARLE,
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