

No. 668,968.

Patented Feb. 26, 1901.

O. BARTEL.
ALARM CLOCK.

(Application filed Sept. 6, 1900.)

(No Model.)

Fig. 1.

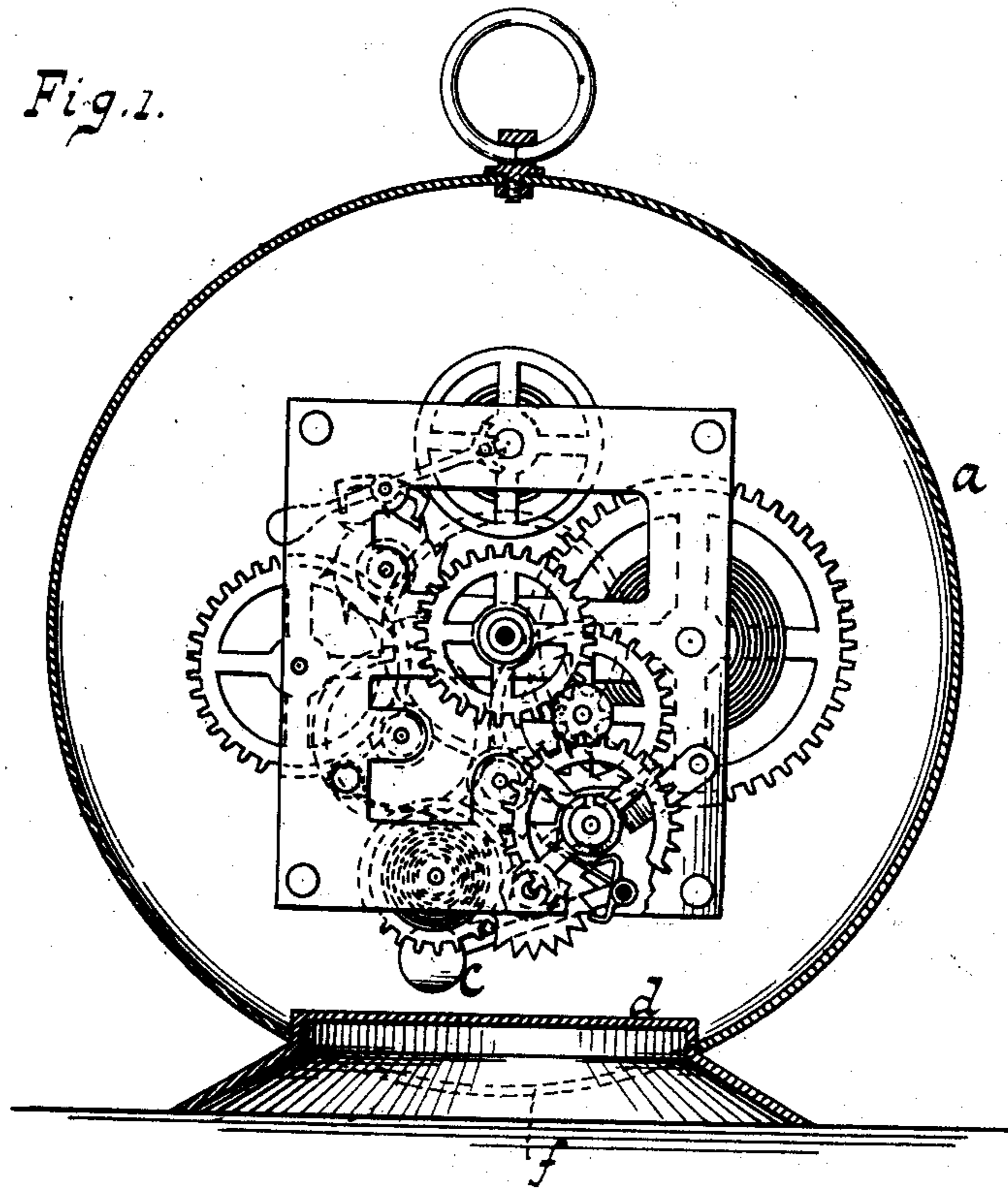
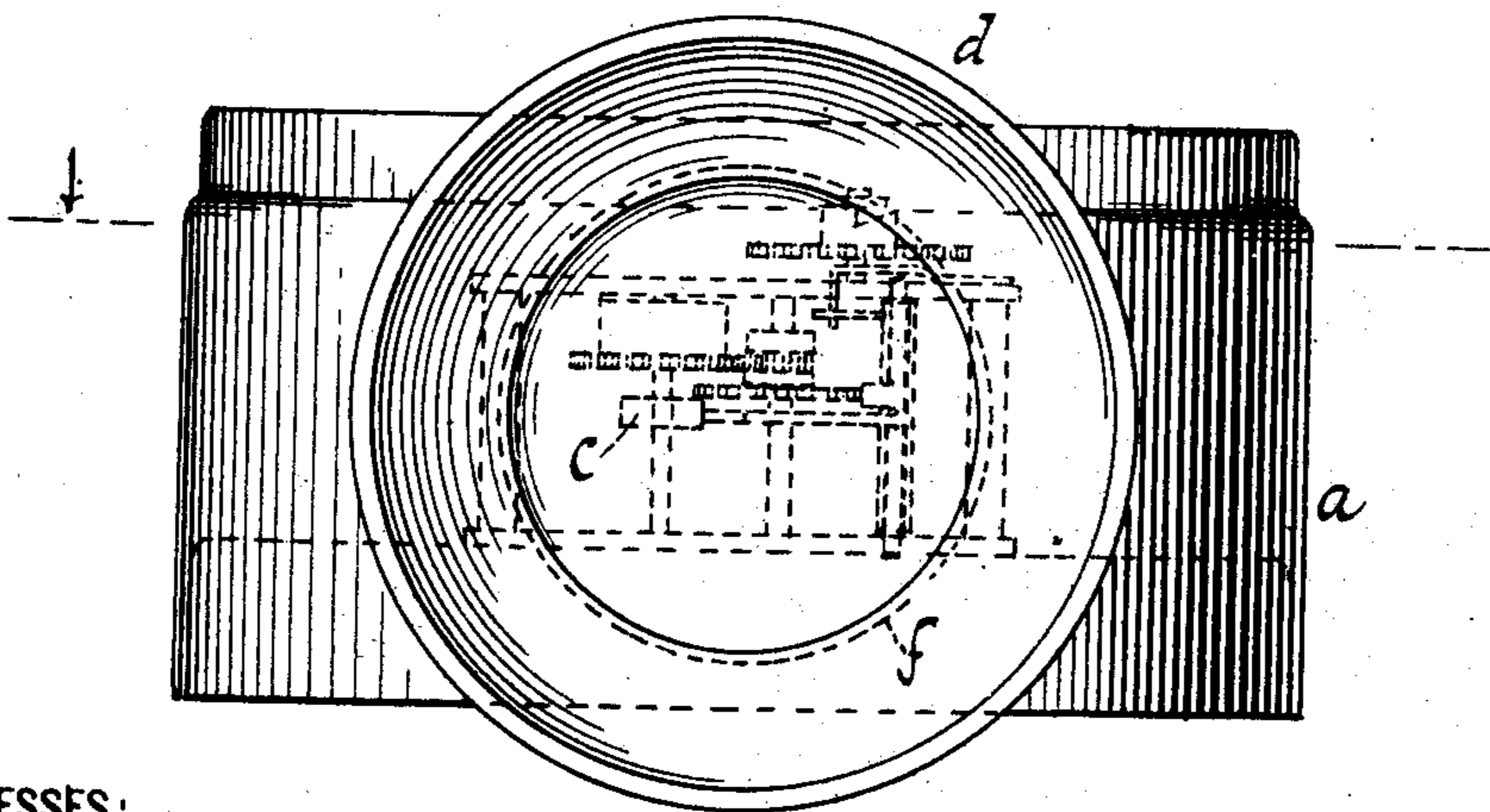


Fig. 2.



WITNESSES:

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ALARM-CLOCK.

SPECIFICATION forming part of Letters Patent No. 668,968, dated February 26, 1901.

Application filed September 6, 1900. Serial No. 29,227. (No model.)

To all whom it may concern:

Be it known that I, OTTO BARTEL, a citizen of the United States, residing at La Salle, in the county of La Salle and State of Illinois, have invented new and useful Improvements in Alarm-Clocks, of which the following is a specification.

By means of this invention an alarm-clock can be made of simple and cheap construction, as set forth in the following specification and claims and illustrated in the annexed drawings, in which—

Figure 1 is an elevation of a clock embodying this invention, the case being in section. Fig. 2 is an inverted plan view of Fig. 1.

In the drawings is shown a case *a*, of any suitable shape or material. The alarm-clock movement can be of suitable construction and need not be here described. The alarm hammer or striker is shown at *c*. The clock-case *a* has a suitable opening or cut-away part, as seen at *f*. The sounder *d* is placed over or inserted or secured in this opening. The sounder is of any suitable shape. A box of dish shape has been found practical. The sounder being secured directly to case *a* and the hammer striking directly on the sounder, a structure is obtained which can be made simple and compact. As shown in Fig. 1, the sounder is made to form the foot of the time-piece or clock. The clock-case *a*, formed closed or of a continuous piece or strip of material with opening *f*, can be readily and cheaply produced. The bell being inserted into this opening, no bell-stand or special support for the sounder is required.

The shape of sounder shown is practical, as its upper or cylindrical part or the part with vertical side wall is readily inserted or secured in the case, while the lower or flaring part of the sounder forms a firm foot or rest for directly supporting the clock securely against tipping or upsetting without the aid of legs or other supports. The upper part of the sounder is shown flat, and such sounder can be readily shaped or died from a suitable blank or piece of material.

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

1. A clock-case having an opening into which is inserted a dish-shaped sounder, the edges of the opening being in contact with the outer walls of the sounder, the said sounder having a flared foot or supporting portion for the case.

2. An alarm-clock case having an opening and a dish-shaped sounder inserted therein, a movement-frame supported by the case, a hammer supported in the frame above the sounder and adapted to strike the upper surface of the same, said sounder projecting beyond the case and having a flared foot for supporting the case.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

OTTO BARTEL.

Witnesses:

HENRY F. WEAVER,
M. A. JOHNSTON.