Aug. 9, 1960 A. BLUMSTEIN 2,948,106

WATCH AND PILL CASE OR THE LIKE

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FIG. 1

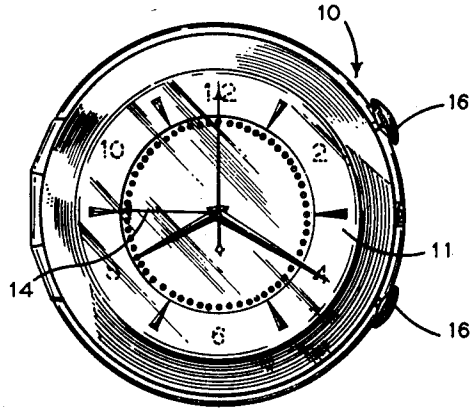


FIG. 2

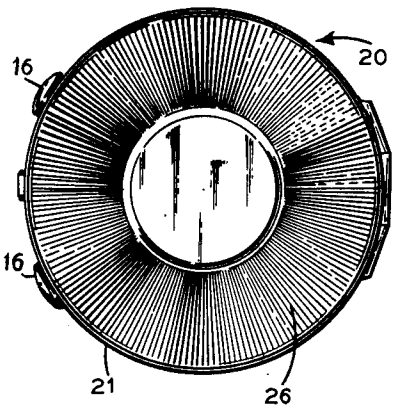


FIG. 3

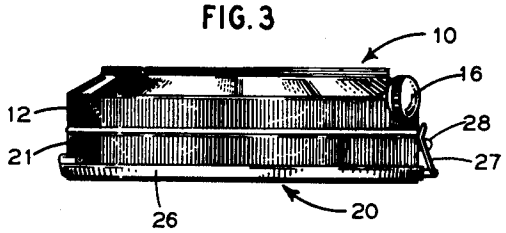
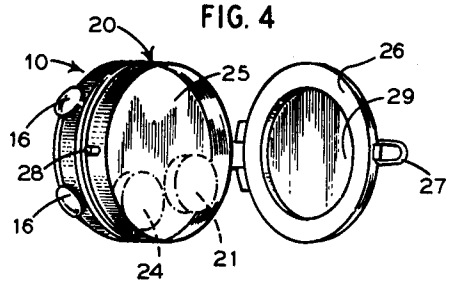


FIG. 4



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FIG. 5

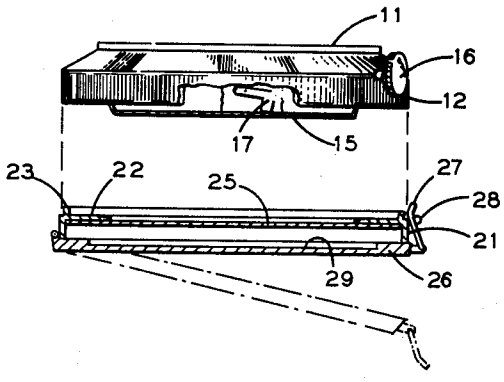


FIG. 6

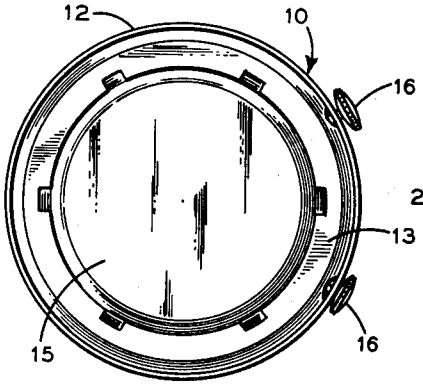
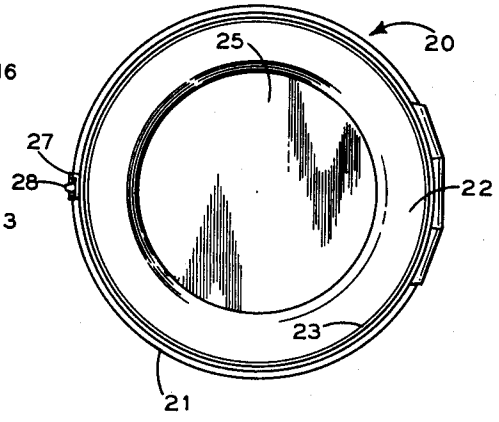


FIG. 7



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WATCH AND PILL CASE OR THE LIKE

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3 Claims. (Cl. 58—57.5)

This invention relates to alarm type wrist watches and, more particularly, to a watch of this type incorporating a pill holder forming a sound augmenter for the alarm or sounder of the watch.

Alarm type wrist watches are well known and generally incorporate an alarm including a hammer or clapper for striking the wrist engaging or back face of the watch. They thus not only produce an audible sound but also alert the wearer by the virtue of the light blows transmitted to the wrist.

Wrist watches of this type are particularly useful to people who are required to take medication at regular intervals. After each medication, the watch may be reset so as to alert the wearer when the next medication is due.

In accordance with the present invention, such use of an alarm type wrist watch is greatly facilitated by providing a pill container or the like operatively associated with the back face or sound diaphragm of the watch in such a manner that a wall of the container bears against the sound diaphragm of the watch and acts as a sound augmenter for the latter, the sound being further augmented by the resonator formed by the pill container. The pill container is provided with a hinged cover normally lying against the wrist and facilitating access to the contents of the container.

For an understanding of the invention principles, reference is made to the following description of a typical embodiment thereof as illustrated in the accompanying drawing.

In the drawing:

Fig. 1 is a top plan view of an alarm wrist watch and pill container embodying the invention;

Fig. 2 is a bottom plan view thereof;

Fig. 3 is a side elevation view thereof;

Fig. 4 is a perspective view of the assembly with the pill container open;

Fig. 5 is an exploded view of the watch and container;

Fig. 6 is a bottom plan view of the watch per se, illustrating the sounder diaphragm; and

Fig. 7 is a top plan view of the pill container.

Referring to the drawings, the watch and container assembly embodying the invention comprises an alarm wrist watch **10** to which is disengageably and cooperatively secured a pill container **20**.

Watch **10** comprises a front face **11**, cylindrical side wall **12** and a back face including a retaining ring **13** surrounding a projecting sound diaphragm **15**. Wall **12** extends somewhat beyond ring **13** for a purpose to be described.

Face **11** is provided with the usual hour, minute, and second hands, as well as with an alarm setting hand **14**. Setting and winding of the watch and of the alarm is

effected by stem knobs **16, 16**. The alarm may include a sounder such as a hammer or tapper **17**, arranged to strike against sound diaphragm **15**.

In accordance with the invention, container **20** is arranged to have a snap fit within side wall **12** for cooperation with diaphragm **15** to augment the sound of the alarm. Referring to Figs. 4, 5 and 7, container **20** includes a body comprising a cylindrical side wall **21** having a radially inwardly directed flange **22** at its upper end. A short axial flange **23** or rib extends upwardly from flange **22** and slightly outwardly, the outer diameter of flange **23** being less than that of wall **21**. Flange **23** is arranged to snap into wall **12** of watch **10** so that walls **12** and **21** form substantially flush continuations of each other.

A flexible diaphragm **25** of plastic or metal is snapped in place beneath radial flange **22**. The inner diameter of this radial flange is greater than the diameter of sounding diaphragm **15** so that, when container **20** is engaged in wall **12** of watch **10**, sounding diaphragm **15** bears against the larger diameter flexible diaphragm **25**. Diaphragm **25** thus augments the sound when diaphragm **15** is struck by clapper **17**, and the sound is further augmented by the resonance of the hollow container **20**.

The pills **24** are retained in container **20** by a cover **26** hinged to wall **21** and having a latch **27** engageable with a catch **28** on this wall. Cover **26** has a circular recess **29** in its inner surface forming a pill cavity.

The disengageable relationship of watch **10** and container **20** facilitates refilling of the container, although the container may be re-filled without disengagement from watch **10**.

While a specific embodiment of the invention has been shown and described in detail to illustrate the application of the invention principles, it will be understood that the invention may be embodied otherwise without departing from such principles.

What is claimed is:

1. In combination, an alarm watch having a sounding diaphragm projecting from a substantially flat retaining ring and forming therewith the back face of the watch, a sounder cooperable with said diaphragm and a side rim projecting outwardly beyond said retaining ring; a container having a side wall engageable within said watch side rim; a flange extending inwardly substantially perpendicular to said container side wall; a flexible diaphragm seated on said flange and having substantial surface engagement with said sounding diaphragm over the entire surface of the latter when said container wall is engaged in said watch rim; and a cover hinged to said container wall and cooperating with the latter and with said flexible diaphragm to form the container; said flexible diaphragm augmenting the sound when said sounder strikes said sounding diaphragm and said container acting as a sound resonator.

2. In combination, an alarm watch having a sounding diaphragm projecting from a substantially flat retaining ring and forming therewith the back face of the watch, a sounder cooperable with said diaphragm and a side rim projecting outwardly beyond said retaining ring; a container having a side wall engageable within said watch side rim; a flange extending inwardly substantially perpendicular to said container side wall; a flexible diaphragm seated on said flange and having substantial surface engagement with said sounding diaphragm over the entire surface of the latter when said container wall is engaged in said watch rim; and a cover hinged to said

container wall and cooperating with the latter and with said flexible diaphragm to form the container; said flexible diaphragm being larger than sounding diaphragm and augmenting the sound when said sounder strikes said sounding diaphragm and said container acting as a sound resonator.

3. The combination claimed in claim 1 in which said container wall includes a portion outwardly of said flexible diaphragm offset inwardly from the container wall by an amount such that, when said container is engaged in said watch, the watch rim and the container wall outwardly of said diaphragm are substantially flush.

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