

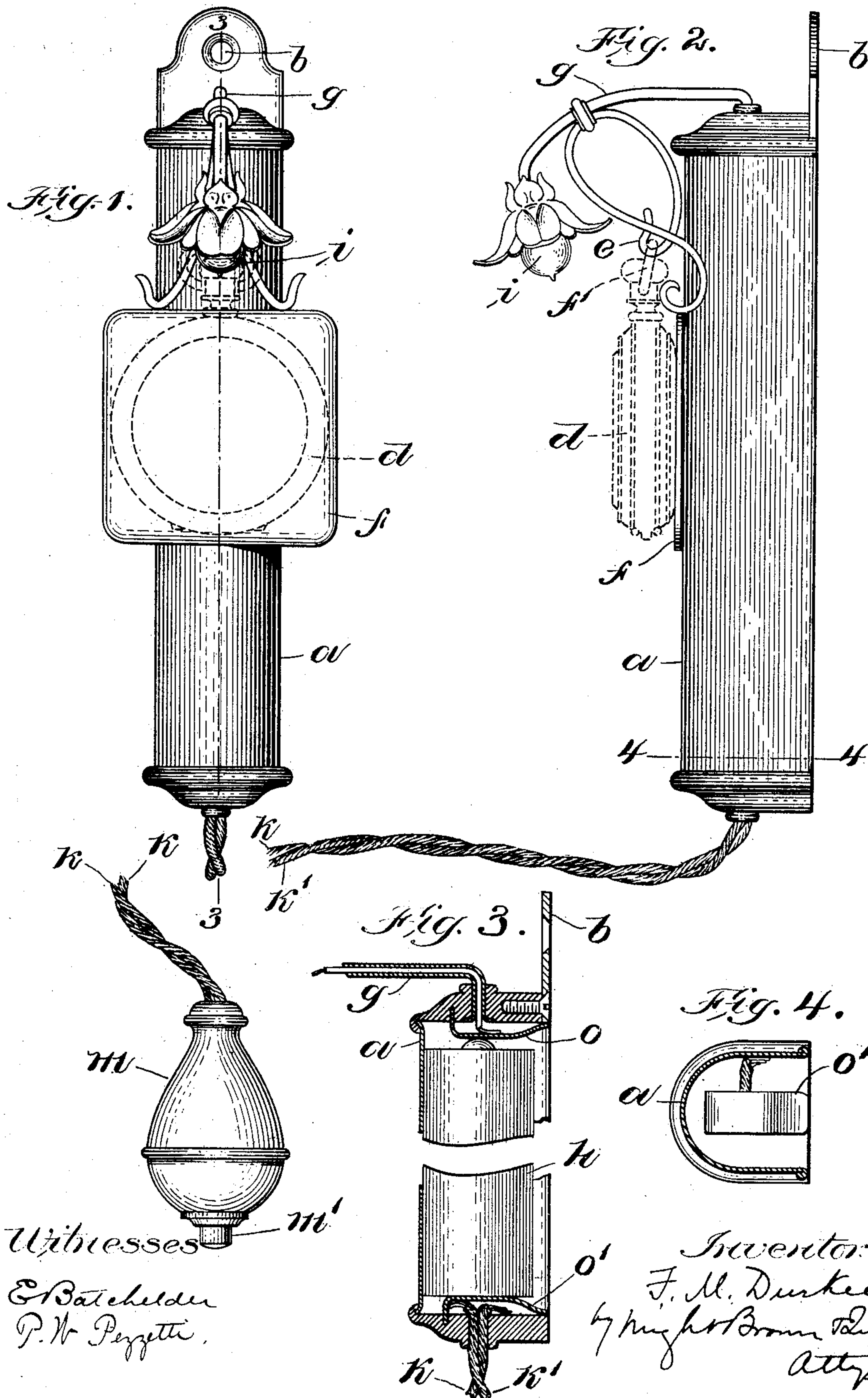
No. 704,446.

Patented July 8, 1902.

F. M. DURKEE.
WATCH DIAL ILLUMINATOR.

(Application filed Sept. 26, 1901.)

(No Model.)



UNITED STATES PATENT OFFICE.

FREDERICK M. DURKEE, OF NEWTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO ULRIC BLATTER, OF JAMAICA PLAIN, BOSTON, MASSACHUSETTS.

WATCH-DIAL ILLUMINATOR.

SPECIFICATION forming part of Letters Patent No. 704,446, dated July 8, 1902.

Application filed September 26, 1901. Serial No. 76,652. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK M. DURKEE, of Newton, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Watch-Dial Illuminators, of which the following is a specification.

This invention has for its object to provide convenient means for holding a watch in position to be viewed conveniently from a bed or couch and for illuminating the same whenever the occupant of the bed wishes to ascertain the time.

The invention consists in the improved appliance which I will now proceed to describe and claim.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a front elevation of a watch-holder and dial-illuminator embodying my invention. Fig. 2 represents a side elevation of the same. Fig. 3 represents a partial section on line 3 3 of Fig. 1. Fig. 4 represents a partial section on line 4 4 of Fig. 2.

The same reference characters indicate the same parts in all the figures.

My improved watch-holder and dial-illuminator comprises a casing *a*, adapted to contain a dry battery or cell, said casing being preferably U-shaped in cross-section and open at the back. The casing *a* is provided with means whereby it may be supported on a wall or other vertical support, said means in the present embodiment of my invention being a perforated ear *b*, affixed to the upper end of the casing and located at one side thereof, said ear being adapted to engage a hook or other device affixed to a wall. The front side of the casing *a* is provided with means for holding a watch *d*, said means comprising a hook *e*, affixed to the upper portion of the casing, and a plate *f*, affixed to the casing below the hook *e*, said hook and plate being relatively arranged, so that when the pendant-bow *f'* of the watch is hung upon the hook the back of the watchcase will rest against the plate *f*, which may have a facing of velvet or other yielding material.

g represents a bracket affixed to the casing *a* above the watch-holder and provided at its outer end with an incandescent-lamp socket

having a lamp *i*, which is arranged to illuminate the dial of the watch *d*. The casing *a* is adapted to contain a dry battery or cell *h*, and suitable means are provided whereby the lamp is electrically connected with said battery and whereby the circuit through the battery and lamp may be closed to illuminate the lamp, said means including a flexible cable composed of two wires *k k'*, which are electrically connected at their inner ends with the battery, their outer ends being contained in a handle or holder *m*, which is provided with a circuit-closing push-piece *m'*, adapted when pressed inwardly to connect the ends of the wires *k k'*, and thus close the circuit.

The casing *a* is provided with flexible clips *o o'* of conducting material, which contact with suitable conducting parts at the ends of the battery *h* and are sufficiently resilient to make good electrical contact when the battery is inserted between said clips, as shown in Fig. 3, the battery being readily inserted and removed through the open back of the casing.

It will be seen that the described appliance may be hung upon a wall or other support adjacent to the bed and that the handle *m* and push-piece *m'* may be left in convenient position to be reached by the occupant of the bed, who is thus enabled to close the circuit and view the dial of the watch without rising.

I do not limit myself to the described form and arrangement of the parts of the described appliance, and the same may be variously modified without departing from the spirit of my invention.

I claim—

1. A watch-dial illuminator comprising a casing having an open back, the top and bottom of the casing having flexible conducting-clips adapted to contact with the top and bottom of a battery-cell inserted through the said open back, said casing having means for engagement with a supporting device, and having a watch-holder at its front, a bracket projecting outwardly beyond the watch-holder, an incandescent lamp engaged with the outer portion of the bracket and electrically connected with said clips, and a circuit-closer connected with the said clips.

2. A watch-dial illuminator comprising a casing having an open back, the top and bottom of the casing having flexible conducting-clips adapted to contact with the top and bottom of a battery-cell inserted through the said
5 open back, said casing having a perforated ear at its upper end and having a watch-holder at its front, a bracket projecting outwardly beyond the watch-holder, an incandescent lamp engaged with the outer portion
10

of the bracket and electrically connected with said clips, and a flexible cable composed of wires connected with the clips and provided with a circuit-closer at its free end.

In testimony whereof I have affixed my signature in presence of two witnesses.

FREDERICK M. DURKEE.

Witnesses:

ULRIC BLATTER,
C. F. BROWN.