

(No Model.)

J. C. DUEBER.
WATCH MOVEMENT BOX.

No. 465,843.

Patented Dec. 29, 1891.

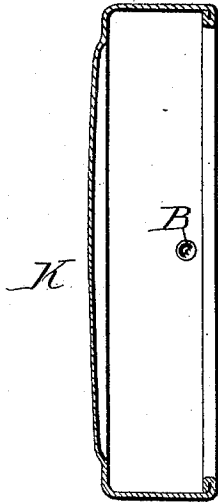


Fig. 1.

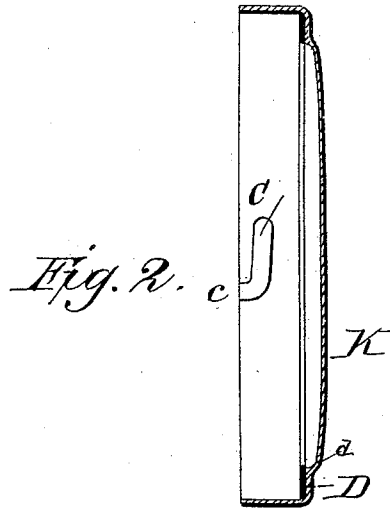


Fig. 2.

Fig. 3.

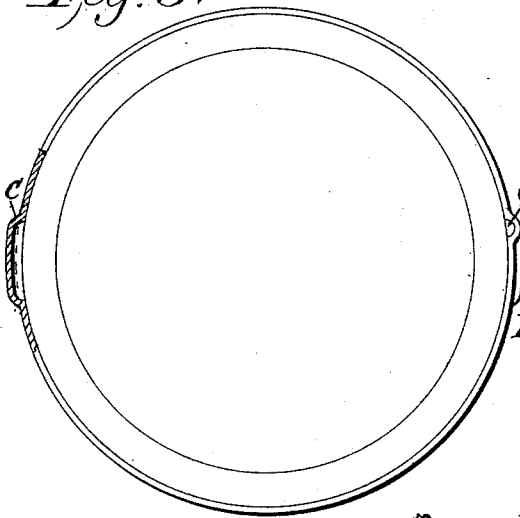


Fig. 4.

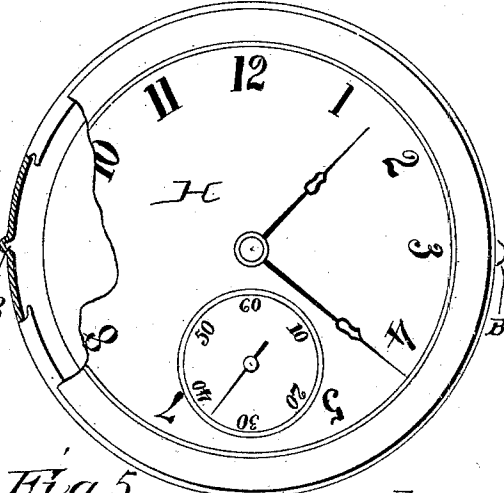


Fig. 6.

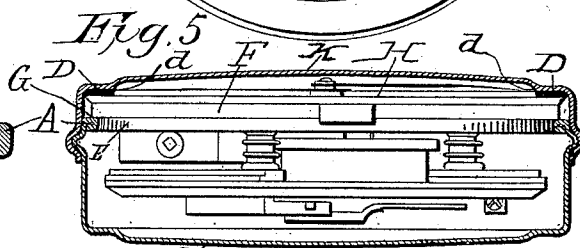
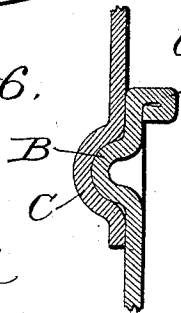


Fig. 5.

WITNESSES
H. L. Ouraud
Marcus L. Byng

INVENTOR
John C. Dueber.
W. H. Miller Atty.
By Benj. G. Cowl Ass^o Attorney.

UNITED STATES PATENT OFFICE.

JOHN C. DUEBER, OF NEWPORT, KENTUCKY.

WATCH-MOVEMENT BOX.

SPECIFICATION forming part of Letters Patent No. 465,843, dated December 29, 1891.

Application filed June 25, 1890. Serial No. 356,745. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. DUEBER, a citizen of the United States, and a resident of Newport, county of Campbell, State of Kentucky, have invented a new and useful Improvement in Packing - Boxes for Watch-Movements, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making
10 part of this specification.

My invention relates to an improvement in packing-boxes for watch-movements, the object of which is to provide a packing-box that will grasp the movement by the pillar-plate
15 and thereby suspend the movement secure from further contact with the box, and means for securing the cover to the body.

With these ends in view the invention consists in certain features of construction and
20 combination of parts, as will be hereinafter described, and pointed out in the claim.

Figure 1 of the accompanying drawings is a sectional view of the body of the box. Fig. 2 is a similar view of the cap or cover. Fig.
25 3 is a plan view of the cover, showing one of the incline grooves in section; Fig. 4, a plan view showing the watch-movement in position and the nib in section. Fig. 5 is a sectional
30 view of the box with watch-movement in position; Fig. 6, a vertical sectional view of the nib and groove by which the cover is secured to the body.

The packing-box may be made of any suitable material, preferably of tin, and is formed
35 of two portions, a body having at its upper portion an inwardly-projected flange or ledge A to engage the periphery of the diametrically-smaller portion E of the pillar-plate F of the watch-movement and to take under the
40 shoulder G, by which the plate and the movement is supported, as shown in Fig. 5, thus suspending and supporting the movement by the pillar - plate. The annular ledge A is
45 formed by bending the upper edge of the body inward, then downward, and then back under the inward-projecting portion, so that the edge will bear against the vertical wall of the body and thus form a firm support under the shoulder G of the watch-movement.
50 On the sides of the body diametrically oppo-

site, or thereabout, are provided nibs, as B, formed by pressing the metal of the body out, as shown in Figs. 4, 5, and 6, and to stiffen or strengthen the bottom portion of the body and the top of the cover of the box an offset,
55 as K, is formed by dropping the central portions of the bottom and the top out, forcing the metal at the point of offsetting from a horizontal to a vertical position, and crowning that portion of the bottom and the top be-
60 tween the offsets. The cover is formed similar to the body, being slightly larger to pass down over the body, as shown in Figs. 5 and 6, and having at its sides diametrically-opposite inclined grooves C (formed by pressing
65 the metal of the side of the cover out, as shown in the drawings) to pass down over and embrace the nib B, as shown in Fig. 6. The arched offset K of the box-cover also protects the face and hands of the movement without
70 contact therewith, and forms an annular shoulder *d* near the periphery of the cover, leaving a plane or annular surface for contact with the packing - ring D. The cushion or
75 packing-ring D, made of rubber or other suitable material, is placed on and about the outer edge of the dial H, over which the lid is passed, the nibs B passing into the vertical
80 neck portion *c* of the grooves C, and by turning the cover the nibs engage the incline portion of the groove, the cover is drawn down on the ring D, and the watch-movement secured
in position, as shown in Fig. 5, the raised portion K passing over the dial and hands, as
85 shown in Fig. 5. By this construction a cheap and substantial packing-box for watch-movements is provided, and no paper or other wrapping that is liable to be damp or to
gather dampness is required, whereby the
90 steel parts of the movement would be rusted and rendered worthless.

Having thus fully described the nature and object of my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a packing-box for watch-movements, the
95 combination of a body portion having a base depression and provided near its upper edge with a nib B, depressed from the material, and at its upper edge with an inward-projecting annular ledge A, which is formed by
100

bending the metal inward, then downward,
and then backward under the inward-pro-
jecting portion with its edge against the ver-
tical wall of said body portion, and a cover
5 for said body portion provided with an arched
portion forming an annular shoulder *d*, and
with an L-shaped groove to receive the nib
B, whereby the watch-movement is held sus-
pended between said annular ledge and said

annular shoulder, substantially as set forth 10
and described.

In testimony whereof I have hereunto set
my hand this 23d day of June, A. D, 1890.

JOHN C. DUEBER.

Witnesses:

W. K. MILLER,
CHAS. R. MILLER.