

(No Model.)

G. A. & A. C. MOECKEL.
WATCH MOVEMENT BOX.

No. 410,370.

Patented Sept. 3, 1889.

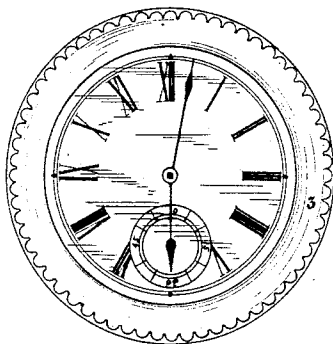


Fig. 1.

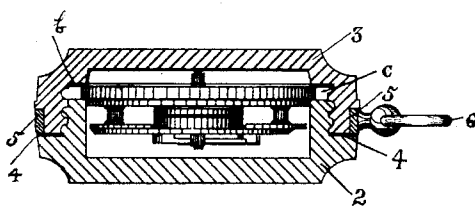


Fig. 2.

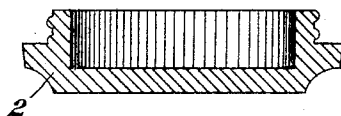
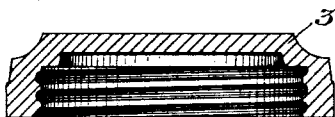


Fig. 3.

WITNESSES.

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UNITED STATES PATENT OFFICE.

GUSTAVE A. MOECKEL AND ALBERT C. MOECKEL, OF ALLEGHENY, ASSIGNORS
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WATCH-MOVEMENT BOX.

SPECIFICATION forming part of Letters Patent No. 410,370, dated September 3, 1889.

Application filed August 24, 1888. Serial No. 283,614. (No model.)

To all whom it may concern:

Be it known that we, GUSTAVE A. MOECKEL, and ALBERT C. MOECKEL, of Allegheny city, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Shipping-Cases for Watch Works or Movements; and we do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of a case constructed according to the principles of our invention. Fig. 2 is a central vertical cross-section showing an addition to the improvement which is not shown in Figs. 1 and 3. Fig. 3 is a vertical cross-sectional view of the case with the parts detached.

In Figs. 1 and 2 a watch-movement is shown in the case, and in Fig. 3 the case is empty.

Like symbols of reference indicate like parts in each.

The object of our invention is to provide means for holding the works or movements of watches for the purpose of preventing them from being injured by rough handling, especially in shipping by rail, and to keep them secure from water and dust.

To this end our invention consists, first, in a box or case made of glass and constituted of two parts adapted to fit together and to inclose the works.

Our invention consists, second, in such a case when the parts thereof are connected by screw-threads formed integrally therewith, and, third, in a case made of glass and provided with a screw-thread and with a gasket of paper, cloth, or other soft material interposed at the juncture of the parts of the case and designed to seal the same from moisture and dust.

Referring now to the drawings, 2 represents the body of the case, and 3 its lid. These parts are provided with male and female screw-threads, respectively, so that they may be fitted together, as shown in Fig. 1. They are both made of glass, and the screw-threads are formed integrally thereon. The shape of the case is such that the interior shall be of proper size and shape to neatly accommodate

the works of a watch. The edge of the neck of that part 2 of the case on which the male thread is formed forms a rest on which the dial-base of the watch-movement rests, and the rim of the dial fits against a ledge *b* on the other part 3 of the case at the base of the female screw-thread, the case being so constructed as to afford an annular recess *c*, on the opposite sides of which the dial and the dial-base fit. This construction of the parts causes the watch-movement to be held in the case firmly and without danger of being shaken about and jarred, and, as shown in Fig. 2, the hands and works of the watch are held out of contact with the case, and their derangement is prevented thereby.

In order to render the contents of the case visible from the outside, I prefer to make the top and bottom of plain transparent glass and to make the periphery somewhat roughened, so as to render the parts easy to screw together and to separate. For convenience in packing, the top and bottom of the case are made flat and the periphery circular. At the bases of the screw-threads of one or both parts of the case we place an annular gasket 4, of paper or other flexible material, so that when the parts of the case are screwed together they shall bear against the interposed gasket, which thus acts as a seal to the case and makes it air-tight and dust-tight.

From the foregoing description the manner of use of our improved case will be readily understood. In sending the watch-works from the factory to the dealer they are put in these cases, and when the cases are closed the works are held therein safe from danger of breaking. They are also preserved from dust. They may be kept in the cases by the dealer as long as he pleases to do so, and the fact that the transparency of the cases permits, the works to be clearly visible without removing them is an important feature of advantage, as it enables him to exhibit the works without removing them from the case, and when he receives them from the manufacturer he can examine the works for possible defects without opening the case.

In Fig. 2 is shown a modification of the invention. We place around the periphery of

the watch-case a metal band 5, which is fitted in a groove made in the periphery, so as to cover the joint between the parts, and to this band a watch-bow 6 may be attached for a watch-chain. When the case is thus constructed, it may be used for holding the works for the purpose of wear.

We claim—

1. An improvement in cases for watch works or movements, which consists in a glass case made of two parts which are adapted to be fitted together, the interior of the case being shaped conformably to the shape and size of the works to be contained therein, substantially as and for the purposes described.

2. An improvement in cases for watch works or movements, which consists in a glass case made of two parts which are adapted to be fitted together, the interior of the case being shaped conformably to the shape and size of the works to be contained therein, the top and bottom of the case being flat and transparent and the periphery being circular, substantially as and for the purposes described.

3. An improvement in cases for containing

the works or movements of watches, which consists in a glass case made of two parts provided with screw-threads, whereby they may be fitted together, the interior of the case being shaped conformably to the size and shape of the works to be contained therein, substantially as and for the purposes described.

4. An improvement in cases for containing the works or movements of watches, which consists in a glass case made of two parts provided with screw-threads, whereby they may be fitted together, the interior of the case being shaped conformably to the size and shape of the works to be contained therein, and a gasket interposed between the parts at the bases of the screw-thread, substantially as and for the purposes described.

In testimony whereof we have hereunto set our hands this 9th day of August, A.D. 1888.

GUSTAVE A. MOECKEL.
ALBERT C. MOECKEL.

Witnesses:

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