(No Model.)

A. J. NILES.

WATCH SHIPPING CASE.

No. 434,945. Patented Aug. 26. 1890.

Fig 1

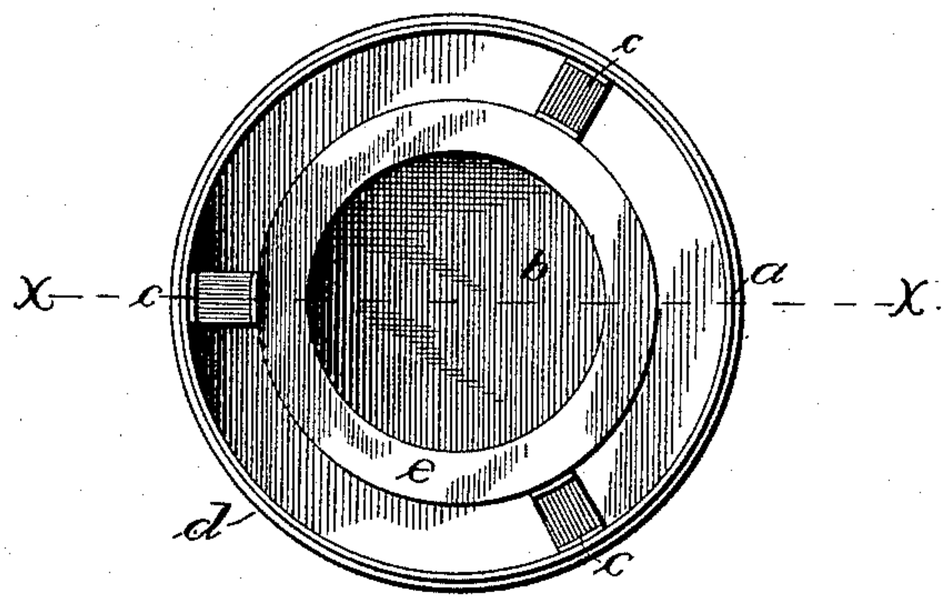


Fig 2

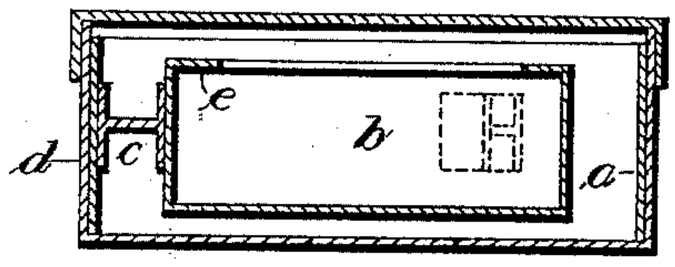
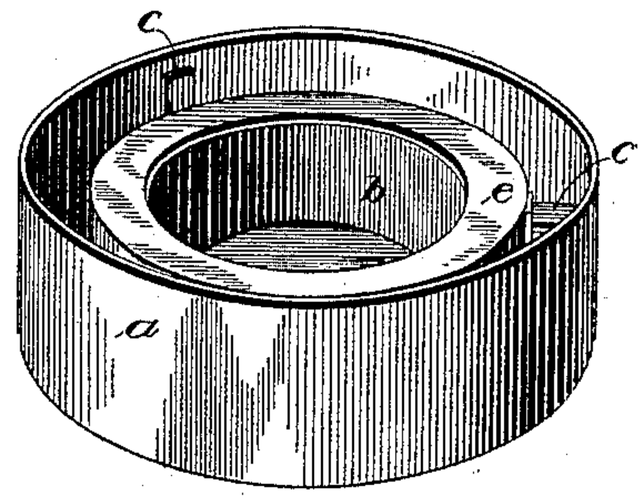


Fig 3



Witnesses
C. C. Burdine.
F. P. Sams.

Inventor.
Arthur J. Niles
per
R. G. DuBois
his Atty.

UNITED STATES PATENT OFFICE.

ARTHUR J. NILES, OF LANCASTER, NEW HAMPSHIRE.

WATCH-SHIPPING CASE.

SPECIFICATION forming part of Letters Patent No. 434,945, dated August 26, 1890.

Application filed February 8, 1890. Serial No. 339,649. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR J. NILES, a citizen of the United States, residing at Lancaster, in the county of Coos and State of New Hampshire, have invented certain new and useful Improvements in Watch-Shipping Cases; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has special reference to shipping-cases for watch-works or watches. Heretofore shipping-cases have been provided in which an interior receptacle for the watch has been suspended by means of elastic connections in order to permit the inclosed watch to yield against any sudden shocks upon the exterior while in transit.

Now the object of my invention is to provide a more simple, cheap, and effective device than those hitherto in vogue.

With this end in view my invention consists in the peculiar features of construction and combinations of parts more fully described hereinafter, and pointed out in the claim.

In the accompanying drawings, Figure 1 represents a plan of my complete invention; Fig. 2, a vertical section through line *x x* of Fig. 1. In this view the case is shown placed within a closed metal box. Fig. 3 is a perspective view of my device when removed from the metal box.

The reference-letter *a* represents an annular band or inclosure, within which is suspended a receptacle *b*. The means employed to suspend this receptacle within the inclosure consist in three flat elastic connections *c*, extending horizontally from the periphery of the interior receptacle to the inner wall of the annular band *a*. The outer ends of these connections are fastened at a point upon the vertical wall of the band, whereby the bottom of the receptacle will be raised above the bottom of an exterior box *d*, or above and below any covering which may be placed over the top and bottom of the band to form a protector when the watch is in transit. In the present instance a tin box is employed to incase the band and to inclose the top and bottom of the inclosure formed by the band. The watch-receptacle *b* is made round to correspond with the contour of an ordinary watch, and an internally-projecting flange *e* extends around its upper edge to prevent the watch from falling out. This receptacle, the flange, the horizontal connections, and the surrounding band *a* are all made of rubber or other suitable yielding substance, which will hold or suspend the watch in yielding adjustment within, so that it will readily vibrate within the inclosure without receiving sudden jars liable to injure or impair it.

It will be observed that by my way of suspending the watch the vibrations of the latter are universal, because the watch will yield to shocks from any and all directions without coming in violent contact with any part of the surrounding casing.

It is evident that coil or other metal springs could be substituted for the rubber connections *c*, and that many other slight changes could be made without departing from the spirit and scope of my invention. Therefore I do not limit myself to the precise construction of the material shown and described; but,

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

The combination of a circular box or receptacle provided with an inwardly-extending annular flange of elastic material around its upper edge for confining the contents in place, a band surrounding said receptacle, elastic connections between the outside periphery of the receptacle and the inner wall of the surrounding band, said connections being located intermediate of the top and bottom of the receptacle, whereby the latter is permitted to have universal vibration, in the manner and for the purpose substantially as described.

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

ARTHUR J. NILES.

Witnesses:
J. C. ROSS,
O. RAY.