To all whom it may concern:

Be it known that Joseph Lasko, a citizen of the United States, residing at 2481 Grand Ave., Bronx, in the county of Bronx and State of New York, has invented certain new and useful Improvements in Watch Cases and Dials, of which the following is a specification.

This invention relates to watches and especially to the case and dial thereof and means for anchoring a ribbon holder to the case.

Therefore, it has been common for one manufacturer to produce the works for watches and another one to provide the watch cases thus necessitating a particular shape of case suitable for the works. By the present invention it is possible to provide a watch case and dial of a particular style or shape, such as rectangular for example, which can be used for works that were made to be used in round cases or cases of other shapes, and this case and dial can also be used to accommodate works that were made for smaller cases of the same or different shapes.

One of the objects of this invention is to provide a watch case made of thin metal which will adequately protect the works mounted therein.

Another object is to provide a watch case of ornamental or attractive appearance that can be used to enclose works of different shapes and sizes.

Another object is to provide a dial that can be readily changed for another of different style and to mount this dial so that it is firmly secured in position and is at the same time easily removable.

Another object is to render it possible to substitute without any special tool an attractive dial for an ordinary dial and to change the same when the style or taste of the user changes, and also render it possible for the purchaser to select from a varied assortment of dials one that pleases him without changing the watch.

Another object is to provide a watch case in which either the front or the back of the works is readily accessible.

Another object is to fasten the ribbon holding means for the watch to the case in such a manner that it will be securely held without injuring the case.

In carrying out this invention I provide a watch case of thin metal of any suitable sort which may be made of rectangular or other suitable shapes, this case being open on the front to receive a crystal and being closed at the back by a back cover that may be snapped in place. The case is provided on the inside near the crystal receiving opening with means against which a loose dial may be held. A device for holding the works is inserted in the case and serves to keep the dial in place. This works support is so arranged that it may be altered to receive and support works of another shape or size, or a works support for works of other shapes or sizes may be substituted.

The back case may also retain the works support in place in the case.

The case is also provided near its corners, when it is of rectangular shape, with extending lugs by inserting the ends of these lugs in holes provided in the case therefor and riveting them therein. Ribbon holding pins are mounted in holes near the ends of these lugs for convenience in fastening the watch to the wrist of the wearer.

The invention will be understood from the description in connection with the drawings in which:

Fig. 1 is a longitudinal section in elevation;
Fig. 2 is an end section in elevation;
Fig. 3 is a plan view from below with the back cover, works, and works holder removed; and
Fig. 4 is a plan view showing the works holder with the works mounted therein.
Fig. 5 is an enlarged section partly broken away, taken at one of the ribbon holding lugs.

In the drawings, reference character 1 indicates a watch case which is made of thin metal of any suitable sort which is preferably rectangular in shape, though other shapes are not excluded. The case 1 is open at one side and is provided with a groove or recess 2 for a crystal, and it is also provided with an inwardly projecting flange 3, the inner edge of which is so shaped as to expose the desired portion of the dial as will be more clearly understood from the description below. The lower side of the case 1 may be provided with a sloping recess 4 which is adapted to receive the back cover 5 which is provided with an inwardly projecting flange or rim 6 which...
can be snapped into the recess 4 and securely held thereby.

The case 1 may be provided with parallel holes 7 rectangular in cross section, near the corners thereof, which holes receive the correspondingly shaped ends of the lugs 8, which lugs are provided with shoulders 9 that bear against the outside of the case 1. The holes 7 may be slightly enlarged inwardly so that the inner ends of the lugs 8 may be expanded, as shown at 10 (Fig. 5) after the lugs are inserted so as to retain the same securely in the holes 7. The lugs 8 are provided with aligned holes 11 for receiving the ribbon holding pins 12.

A holder 13 for the works has its outer periphery so shaped that it fits snugly inside of the case 1. This holder 13 is provided with one or more inwardly extending ledges or plates 14, two being illustrated in the drawing. The plates 14 are cut away at their central portions to the proper extent and shape for receiving the works 16, this cut-away portion being determined by the shape of the works to be inserted therein. In the illustration shown in Fig. 4, the cut-away portion is rectangular in shape with the corners beveled off for receiving the correspondingly shaped works 16. However, if the works that are to be mounted in the case are of different sizes or shapes, the cut-away portion of the plates 14 will be correspondingly altered or other holders 13 with such cut-away plates 14 will be provided. The works having, along their upper edge, projecting flanges 17 to rest upon the plate 14.

A dial 18 of thin material of any suitable sort for receiving the numerals, is provided and rests against the lower side of the flange 3. This dial 18 may be inserted in the upper part of the holder 13 and when the same is of shapes other than circular there will be no danger of the same being turned out of position. When it is of circular shape it may be held in place by a pin on the holder 13. This dial is not attached to the works and is provided with a central hole 19 for the arbor for the ends of the watch. The stem 20 for winding the watch extends from the works 16 through holes provided therefore in the holder 13 and case 1.

It will be obvious that by properly shaping the inner edge of the flange 3, any desirable area of the dial 18 may be exposed to the view of the observer and that since the dial 18 is not attached to the works, this dial may be readily changed and another substituted therefor. It is also obvious that the plates 14 are susceptible of being so cut away at their central portions as to receive works of various shapes and sizes so that a watch case of an attractive and desirable shape can be used in connection with works of other shapes.

In assembling the device, the works, from which the dial if any is provided therewith, may first be removed, are inserted in the holder 13 with its flanges 17 resting upon the plate 14. The dial 18 is placed on the works in the holder and the holder is inserted into the case 1 from below with its upper rim 15 contacting with the flange 3, and a cover 5 is snapped into place, the case 1 having been first provided with the lugs 8. The ends may then be attached to the arbor projecting through the hole 19 so as to revolve in the space defined by the flange 3 and a crystal can then be pressed in place in the groove 2.

I claim:

1. In a watch, a case having an inward projection and a detachable back cover, a dial resting against said projection and a works holder contacting with the outer edge of and retaining said dial in position, said back cover retaining said works holder in position.

2. In a watch, a case having an inward projection, a works holder snugly fitting in said case, said holder having a ledge adapted to support the works.

3. In a watch, a case having an inward projection and a detachable back cover, a works holder in said case, said holder having an inwardly projecting ledge adapted to support the works and a dial within said works holder and between said projection and ledge, said back cover retaining said works holder in position.

4. In a watch, a case having an inward projection and a detachable back cover, a dial resting against said projection and a works holder surrounding said dial and contacting with said projection, said back cover retaining said works holder in position.

5. In a watch, a case having an inward projection, a dial resting against said projection and a works holder of substantially the same size and shape as the inside of said case surrounding said dial and contacting with said projection.

6. In a watch, a case having an inward projection, a dial resting against said projection, a works holder in said case larger than said dial and a back cover contacting with said holder.

In testimony whereof I affix my signature.

JOSEPH LASKO.